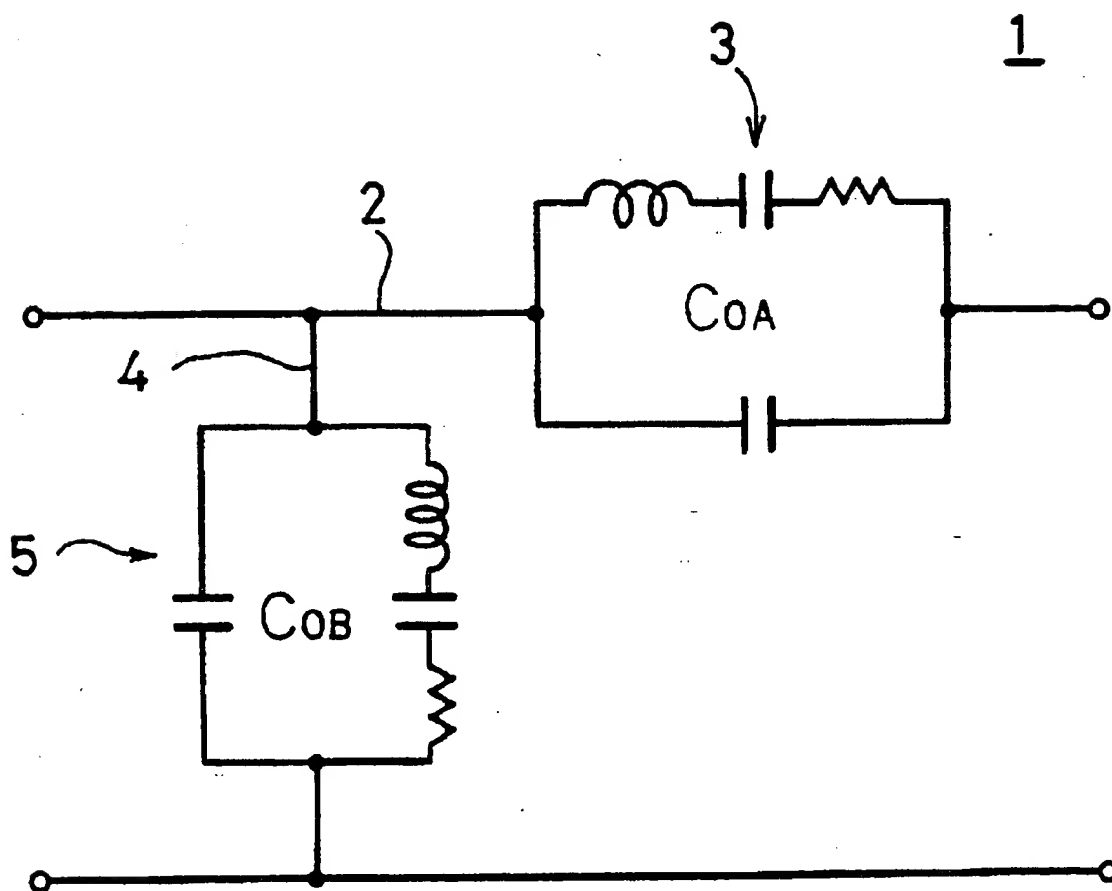


FIG. 1 PRIOR ART

FOOTED 24652660

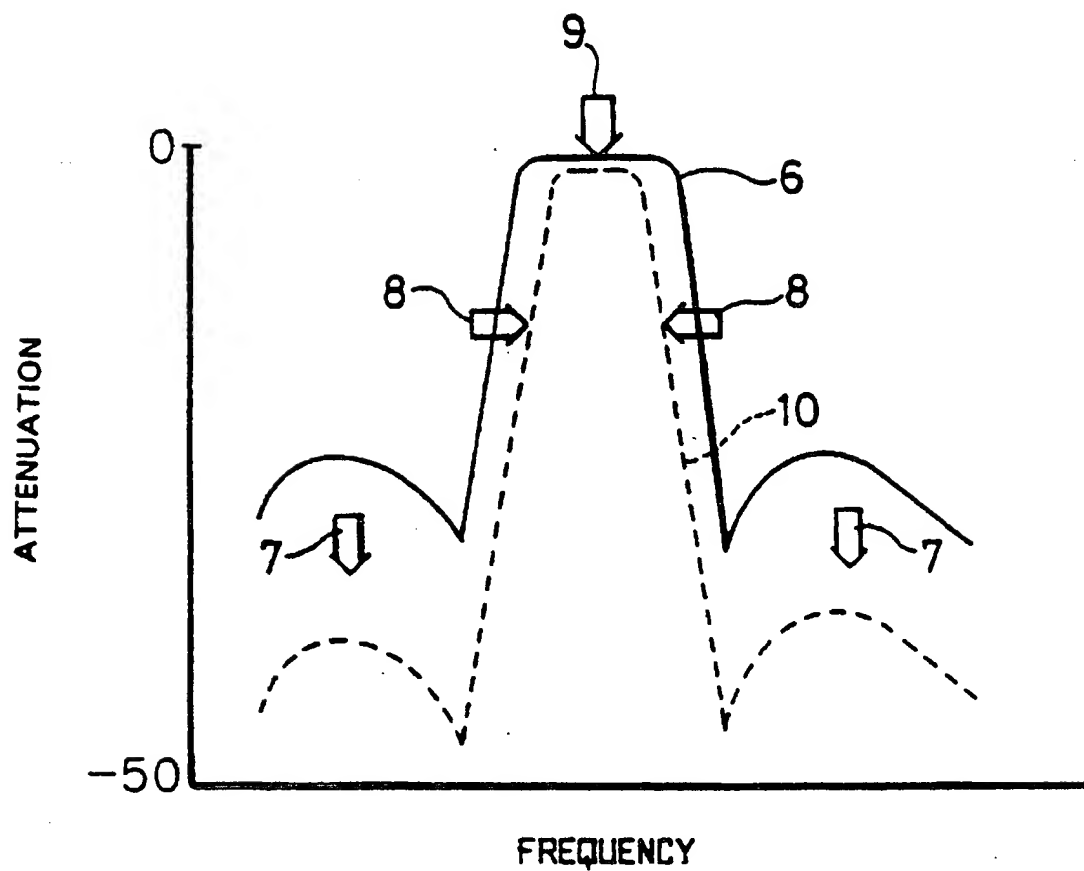
FIG. 2 PRIOR ART

FIG. 3

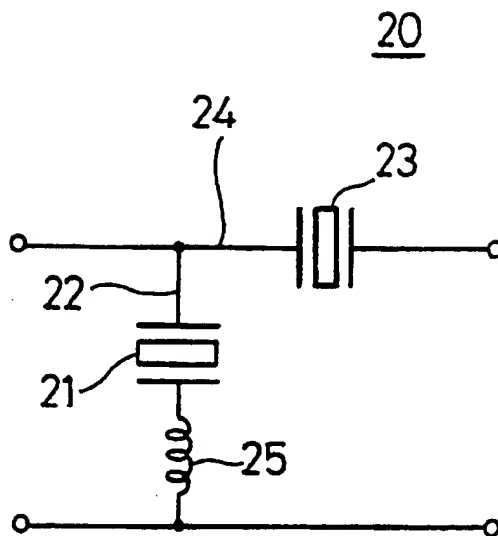
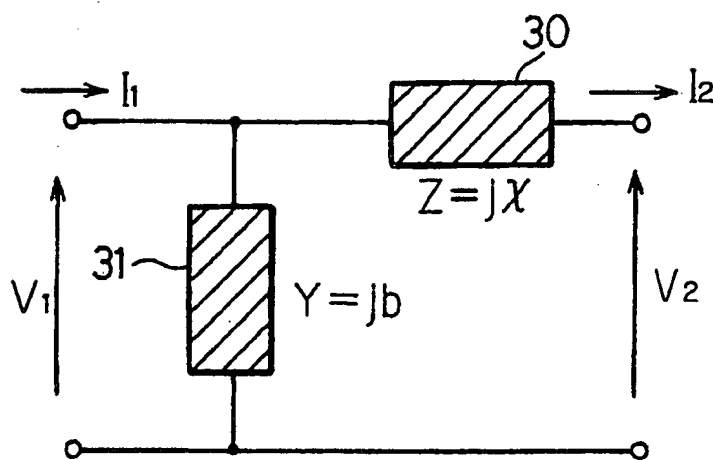


FIG. 4



F MATRIX

$$\begin{pmatrix} V_1 \\ I_1 \end{pmatrix} = \begin{pmatrix} A & B \\ C & D \end{pmatrix} \begin{pmatrix} V_2 \\ I_2 \end{pmatrix}$$

FIG. 3

FIG. 5A

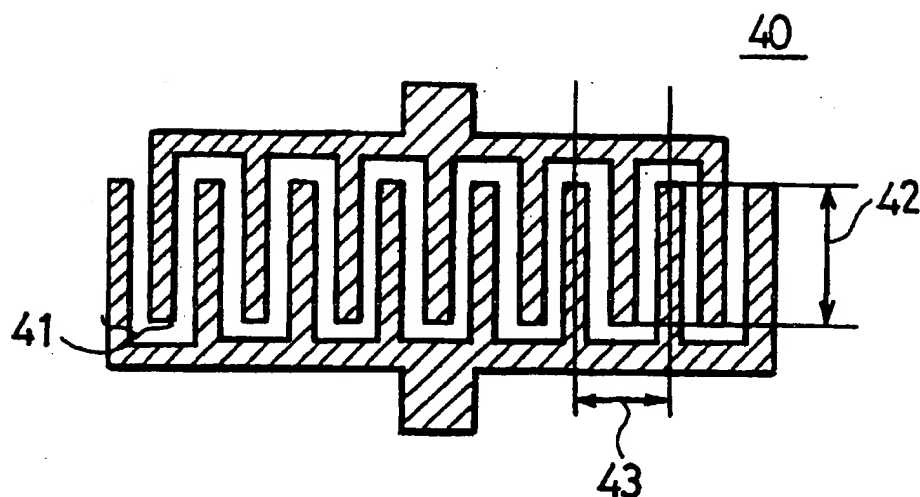


FIG. 5B

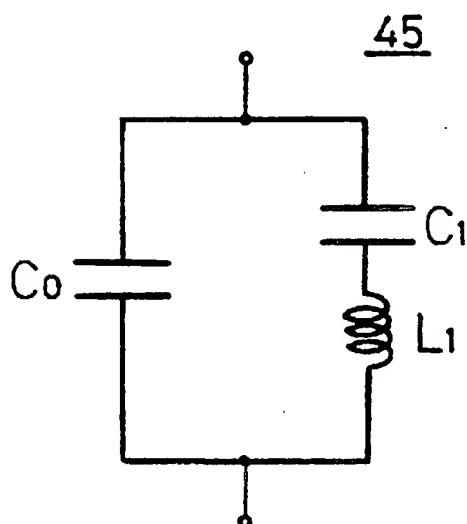
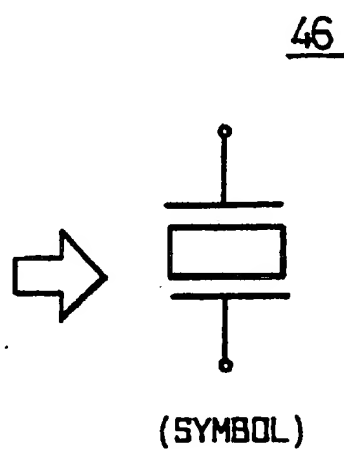


FIG. 5C



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FIG. 6A

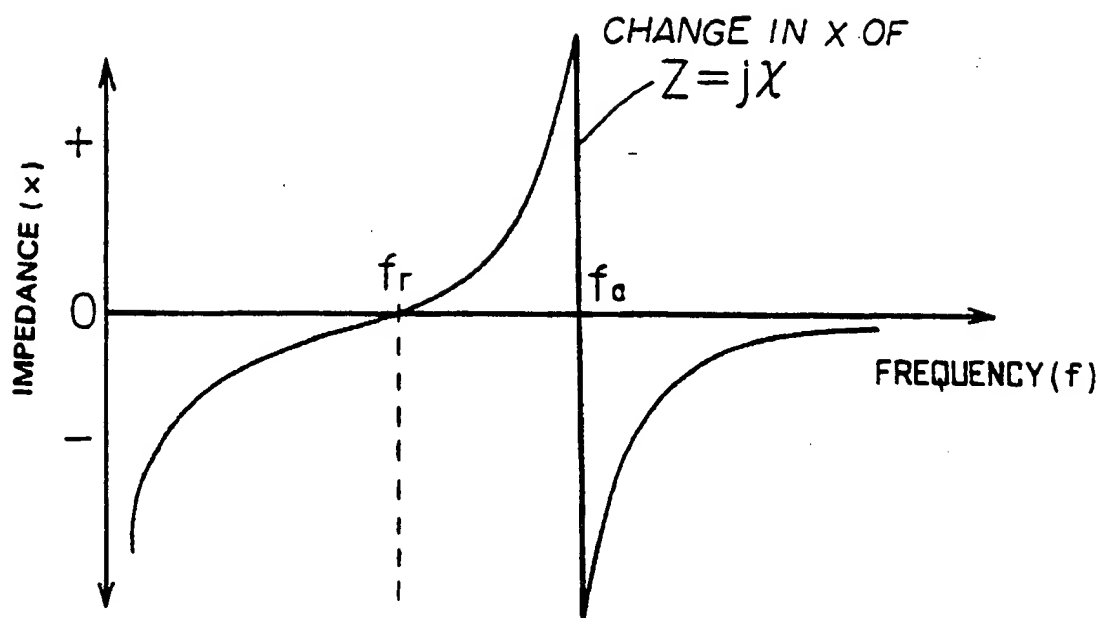
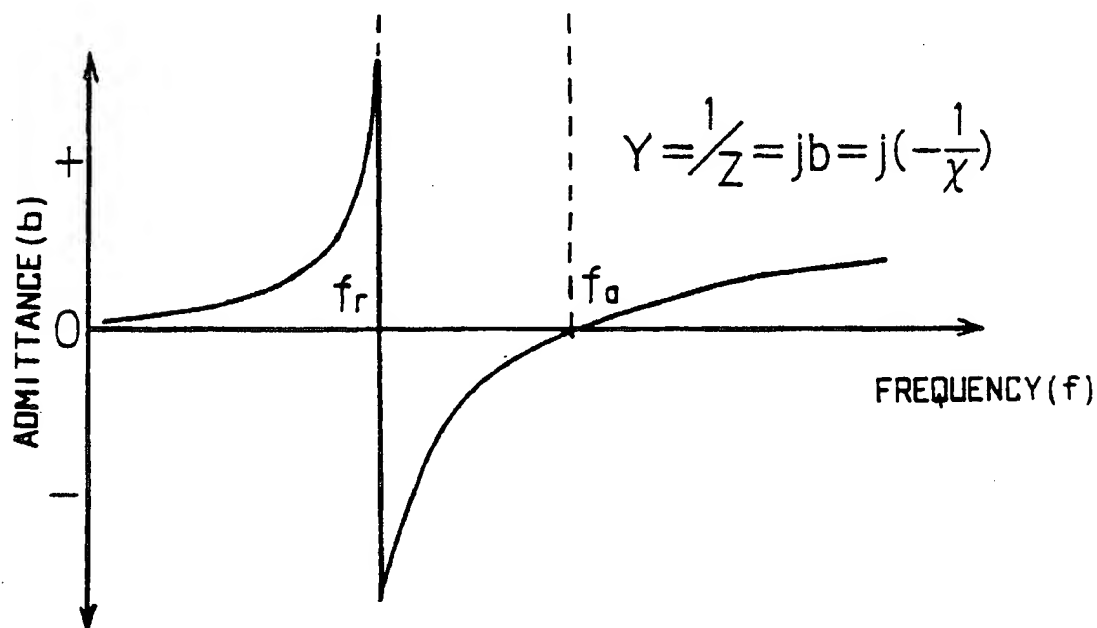


FIG. 6B



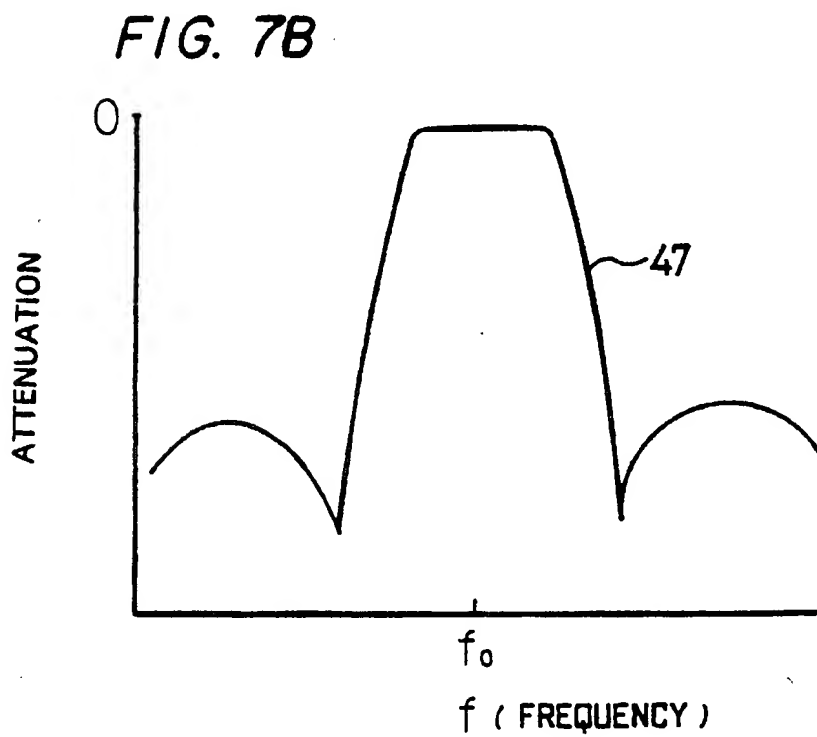
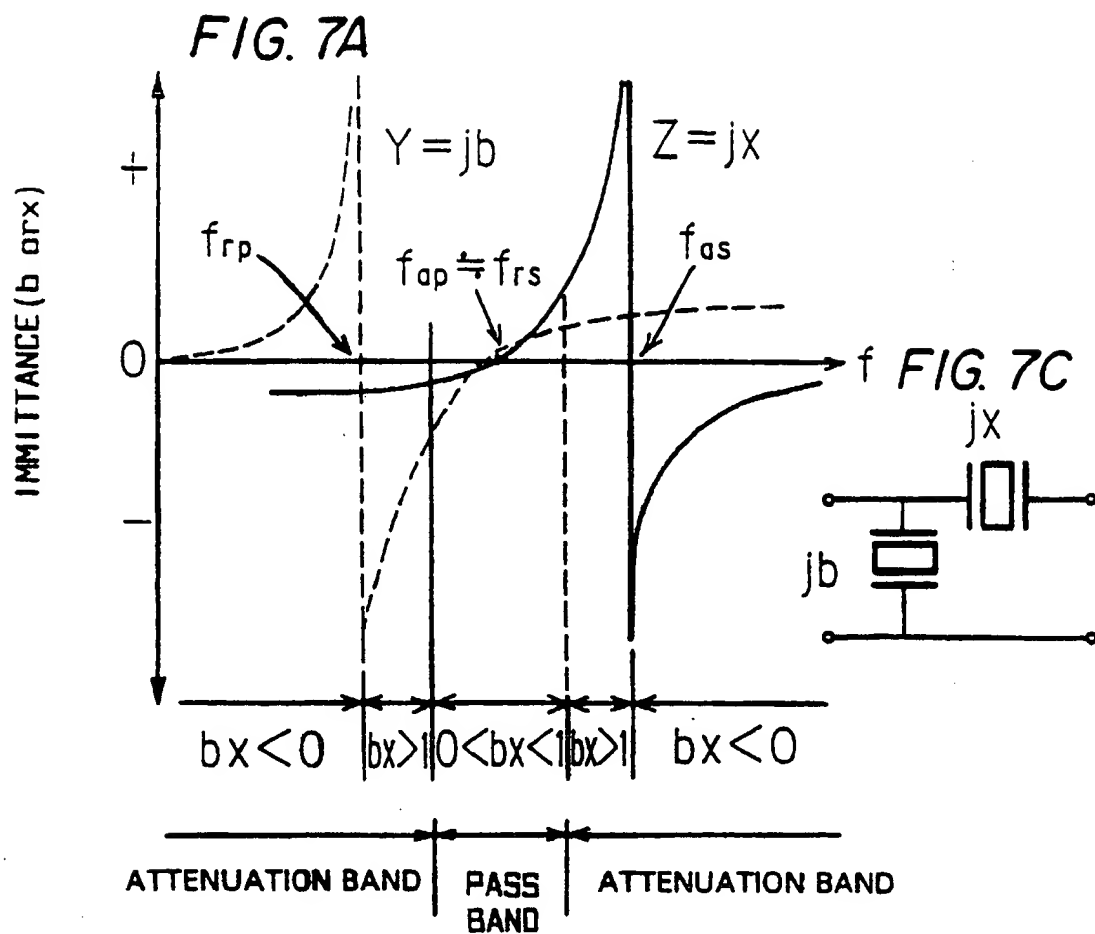


FIG. 8A

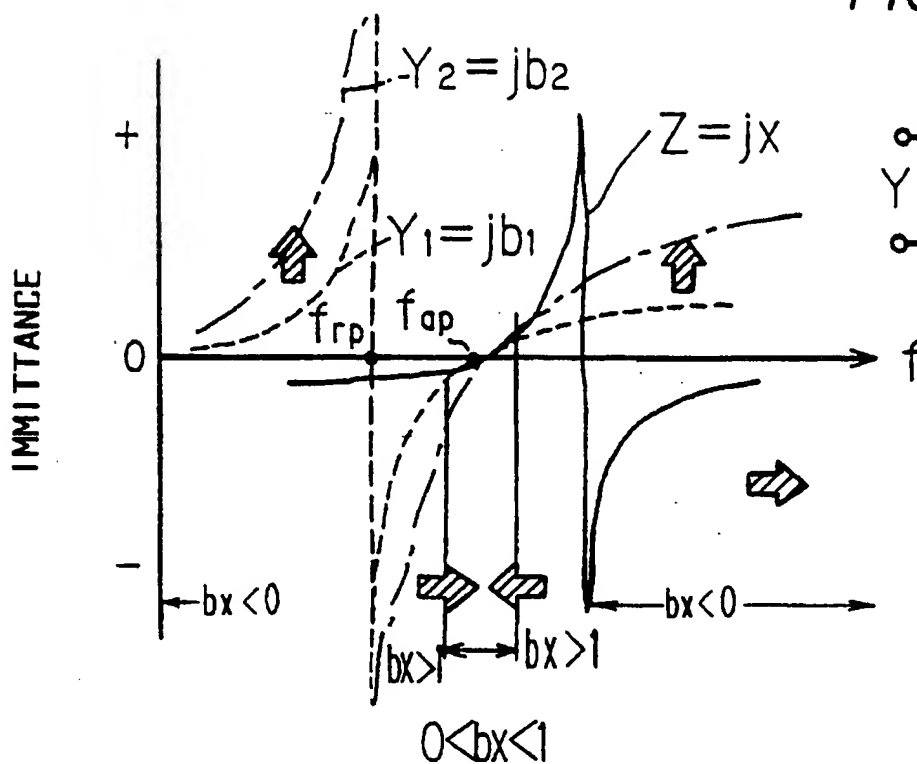


FIG. 8C

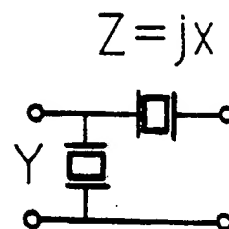
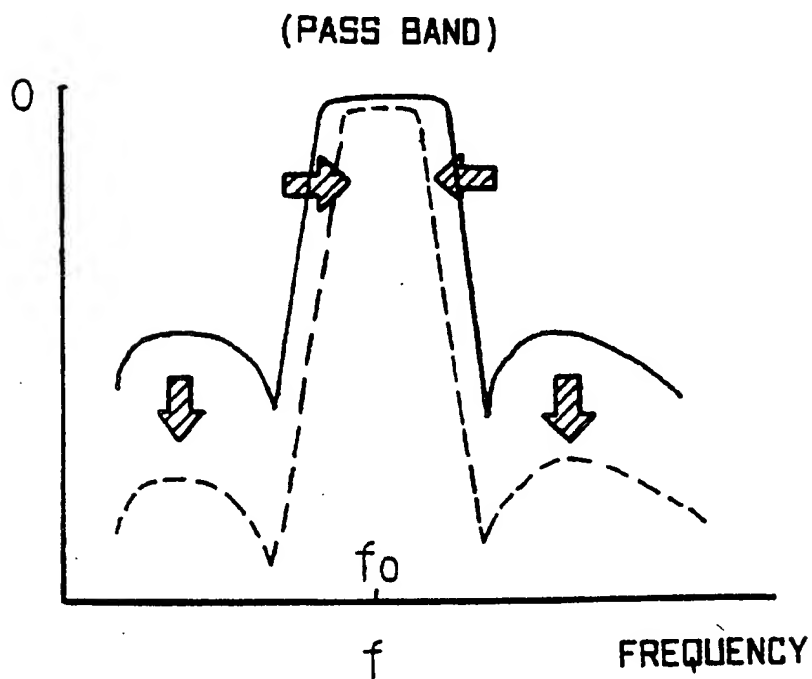


FIG. 8B



FOOTED 21052660

FIG. 9A

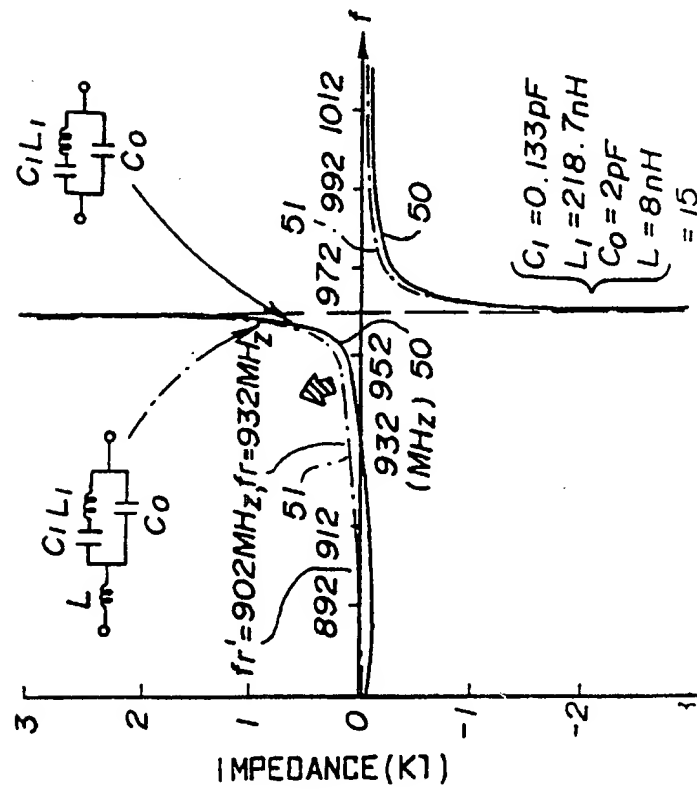


FIG. 9B

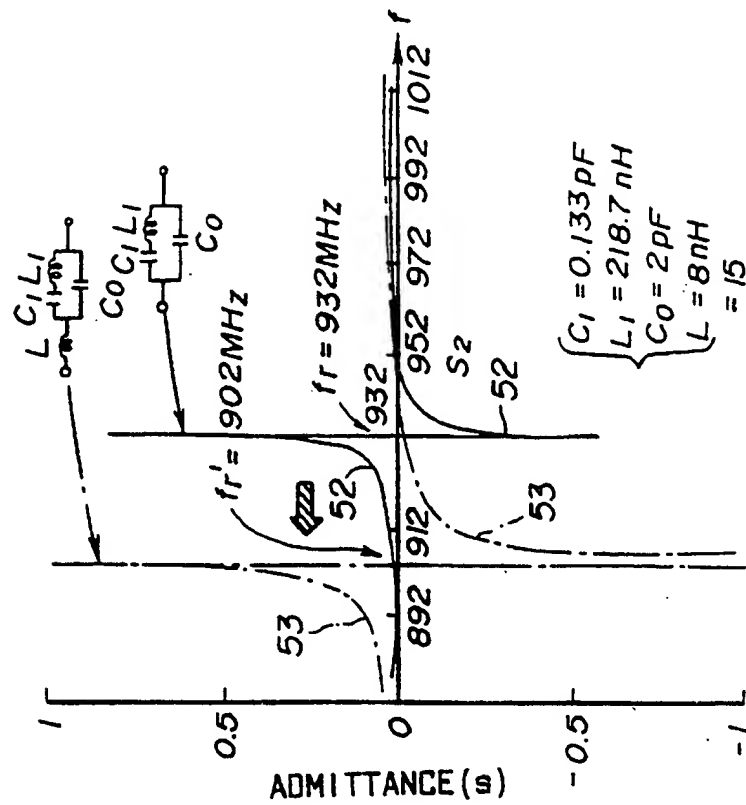


FIG. 9A and FIG. 9B

FIG. 10A

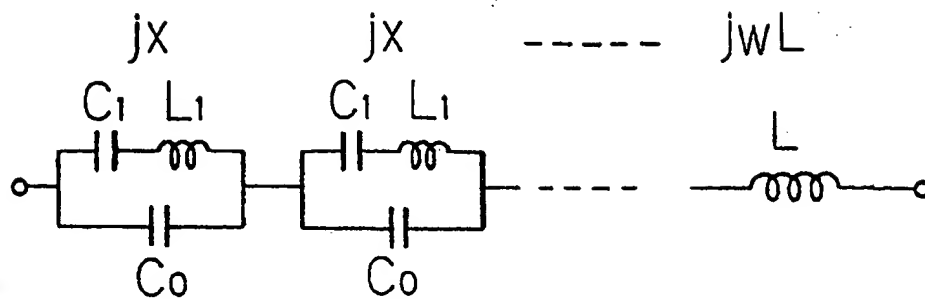


FIG. 10B

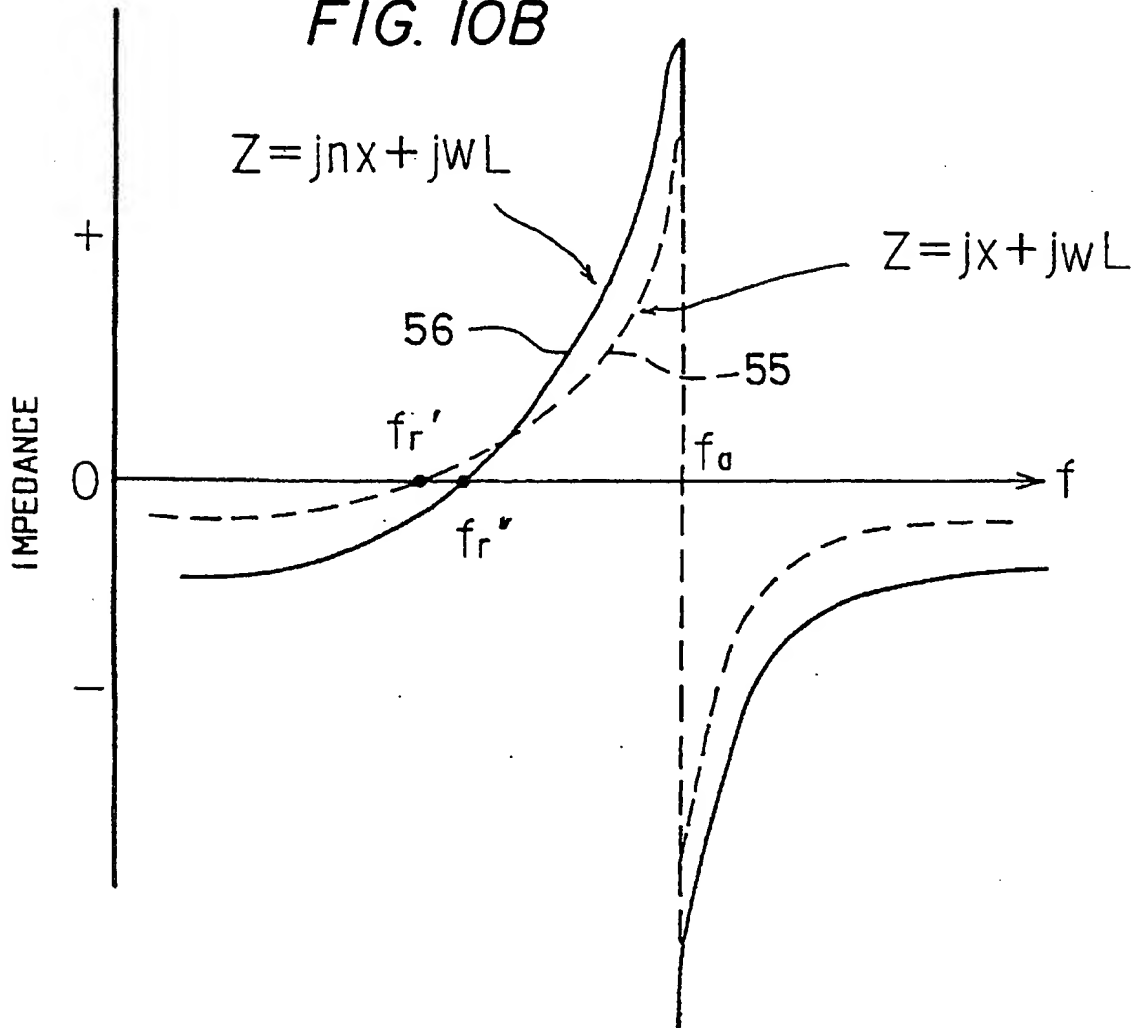


FIG. 10B

FIG. 11A

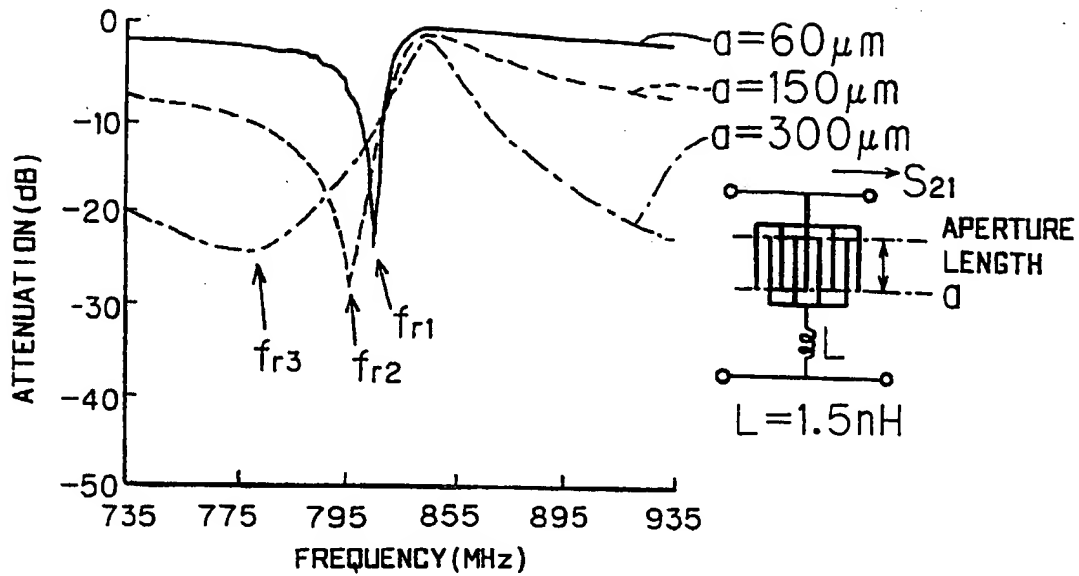


FIG. 11B

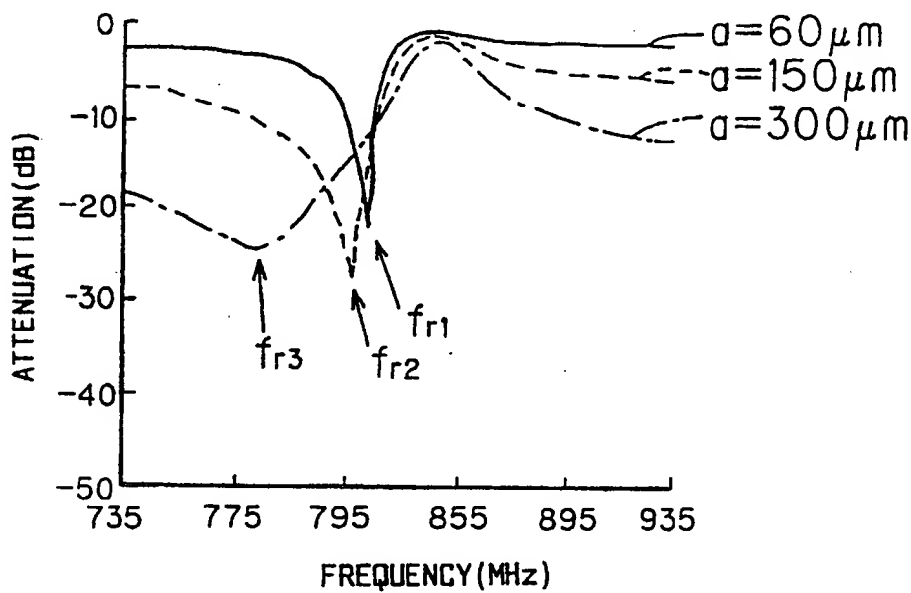


FIG. 12A

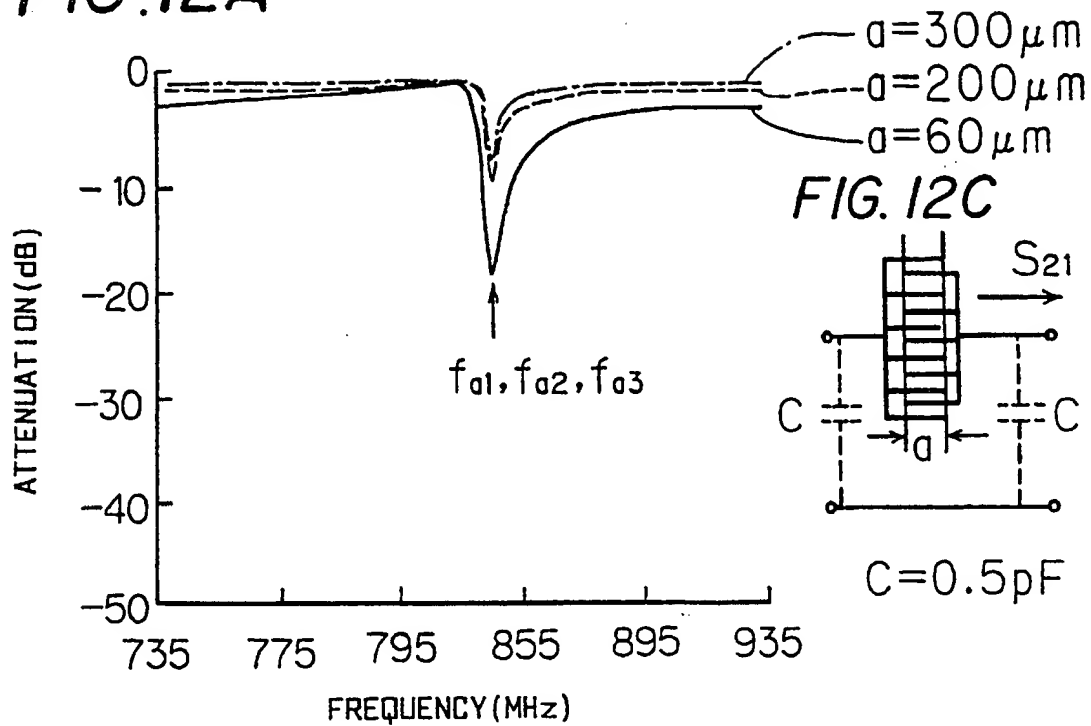


FIG. 12B

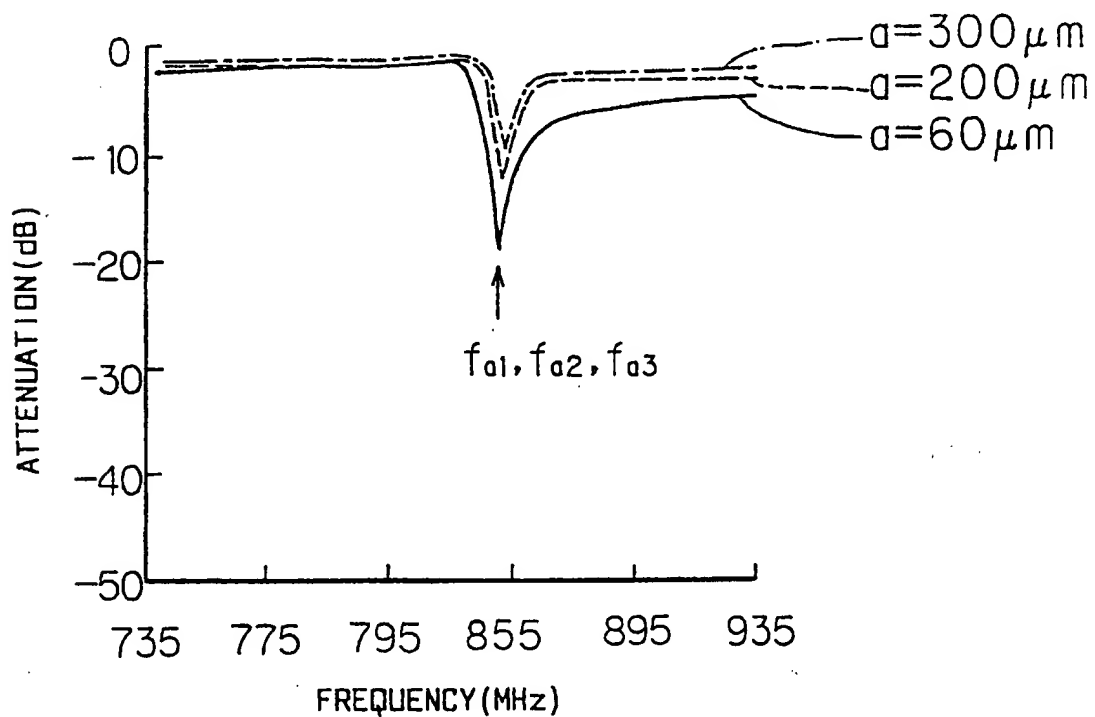


FIG. 13

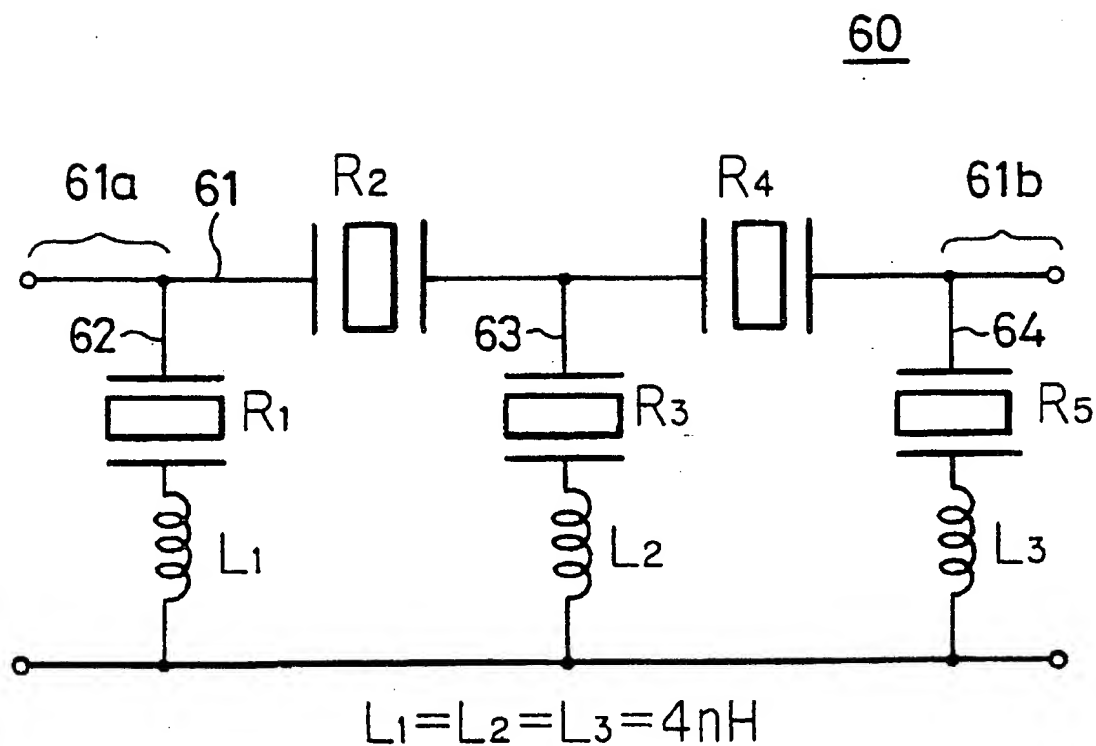


FIG. 14

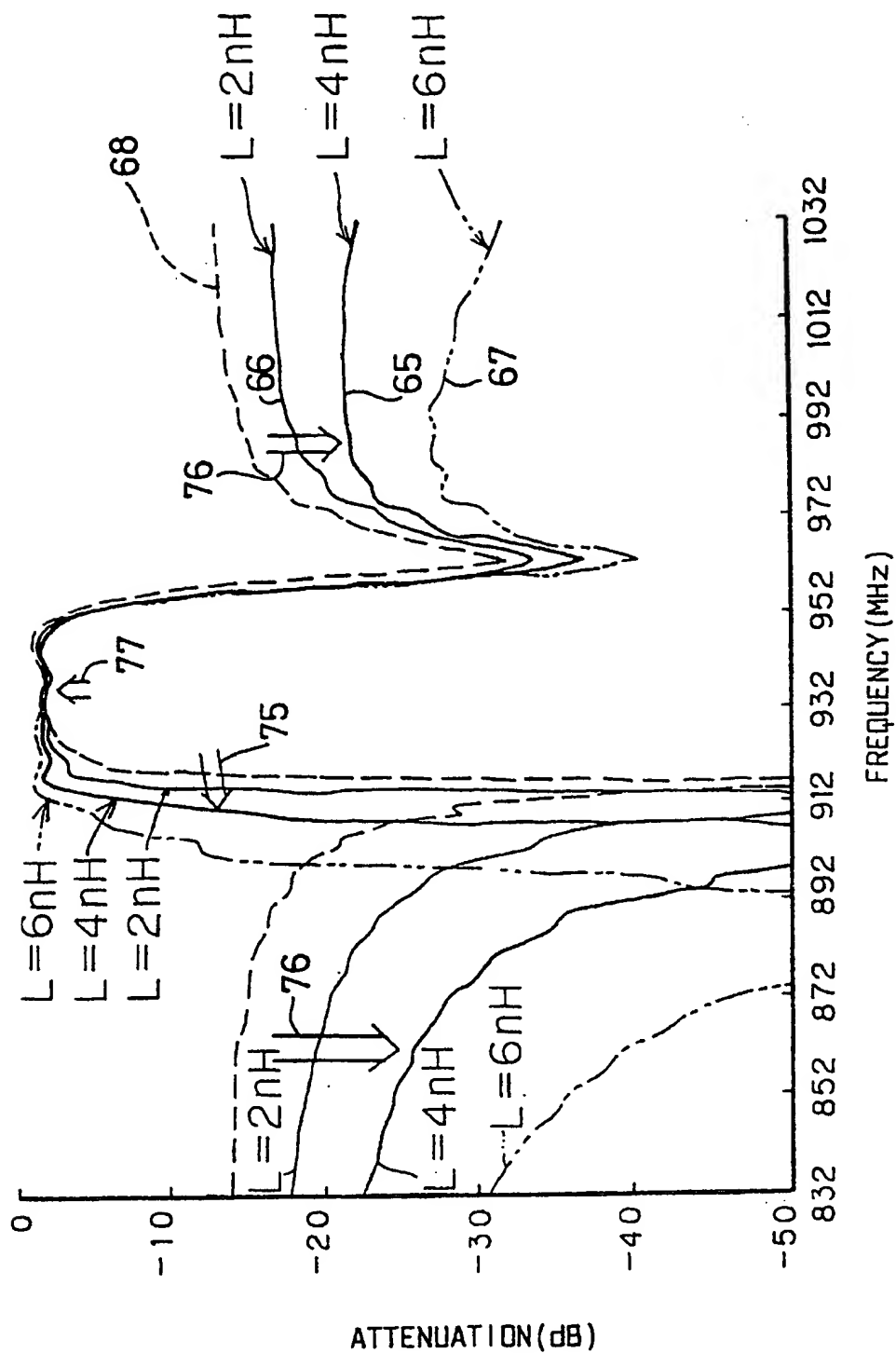


FIG. 15A

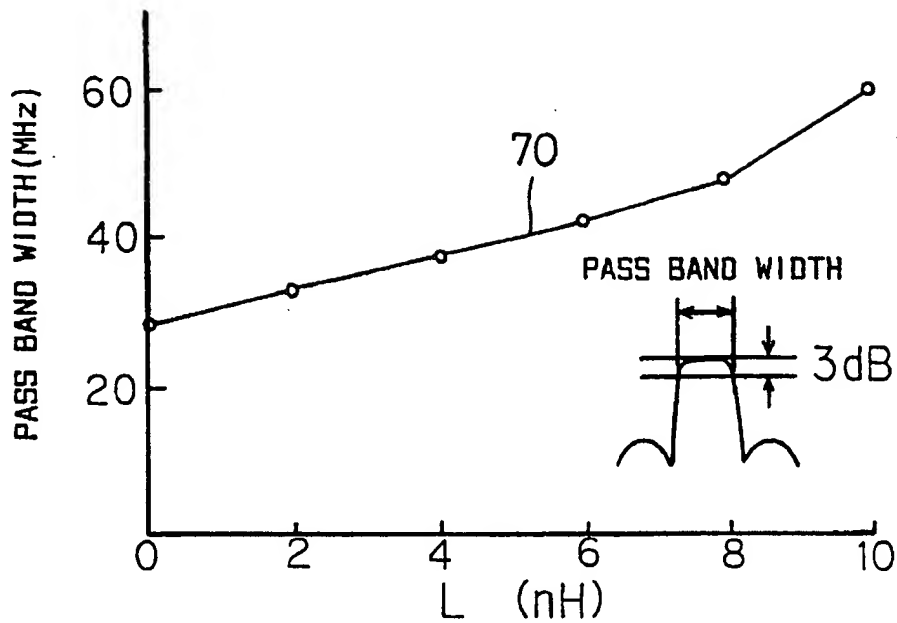


FIG. 15B

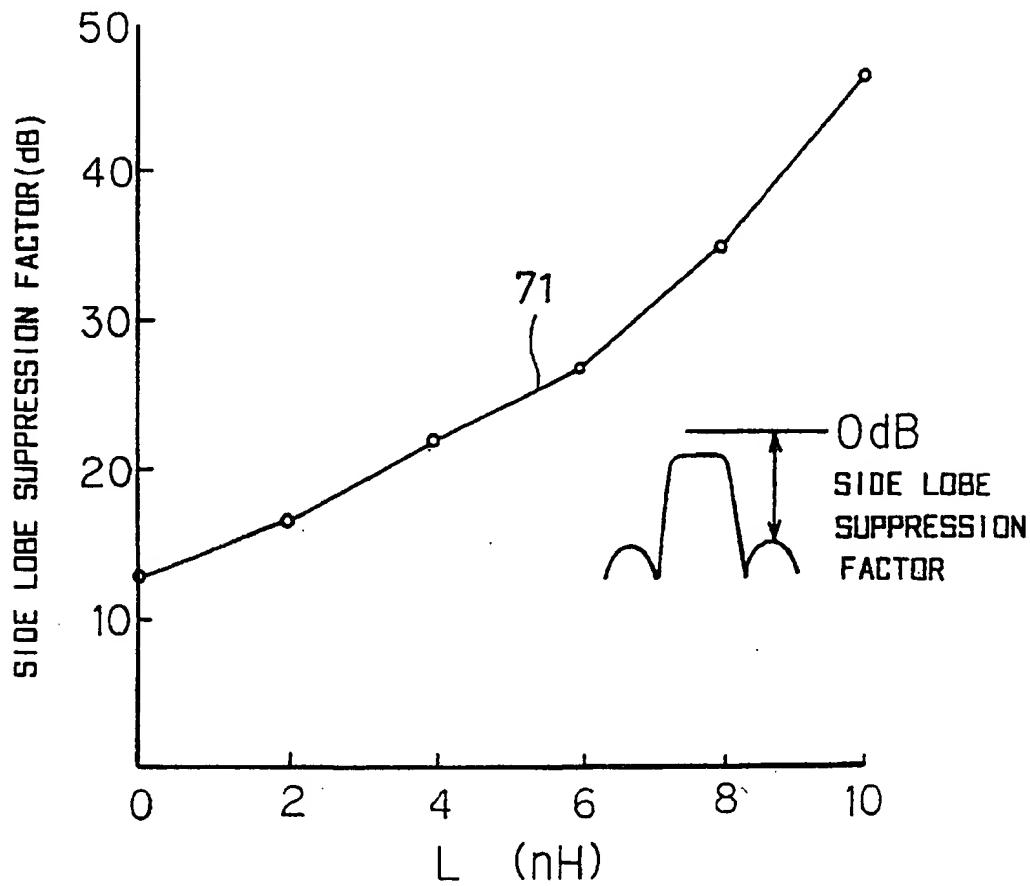


FIG. 16

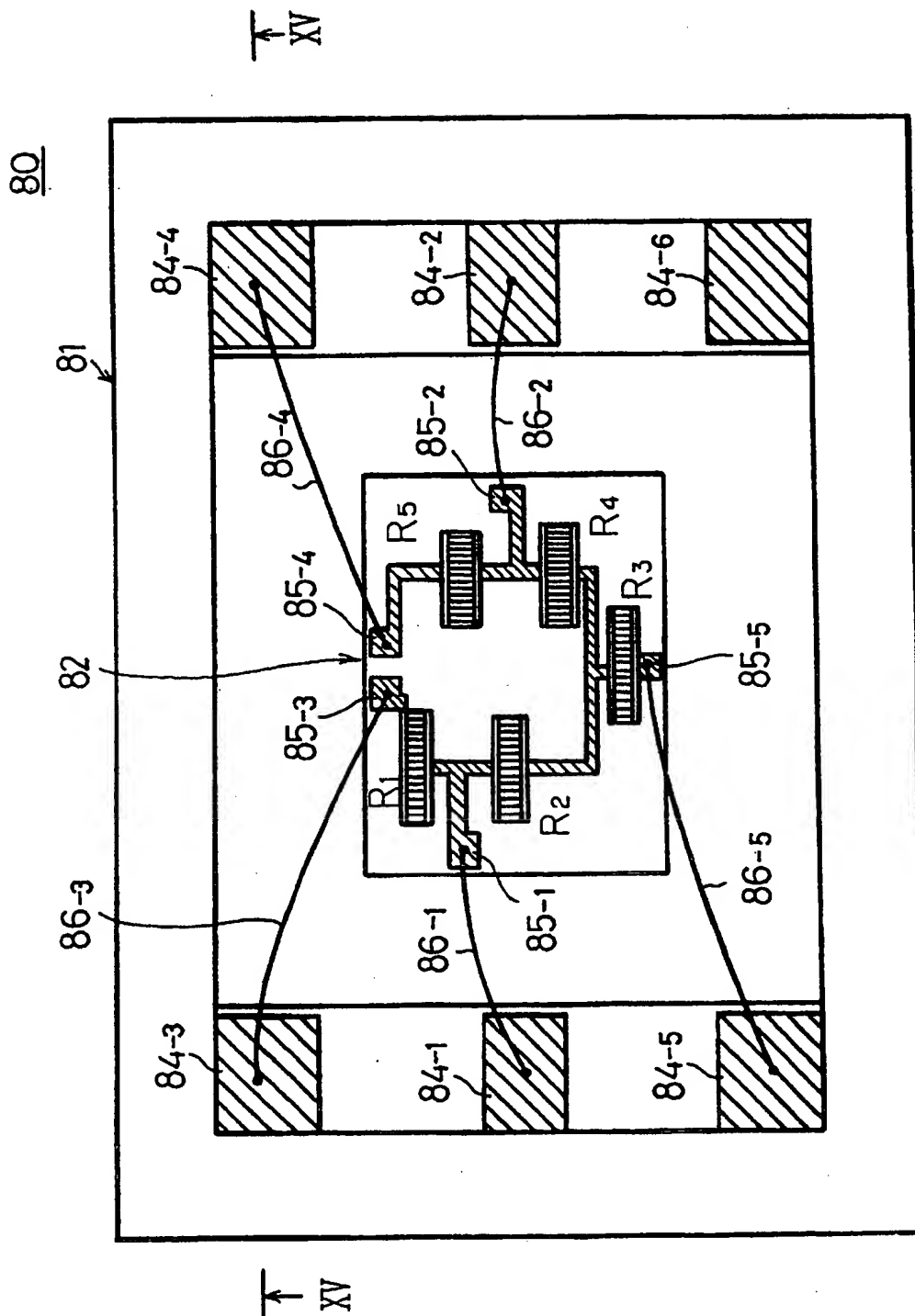


FIG. 17

80

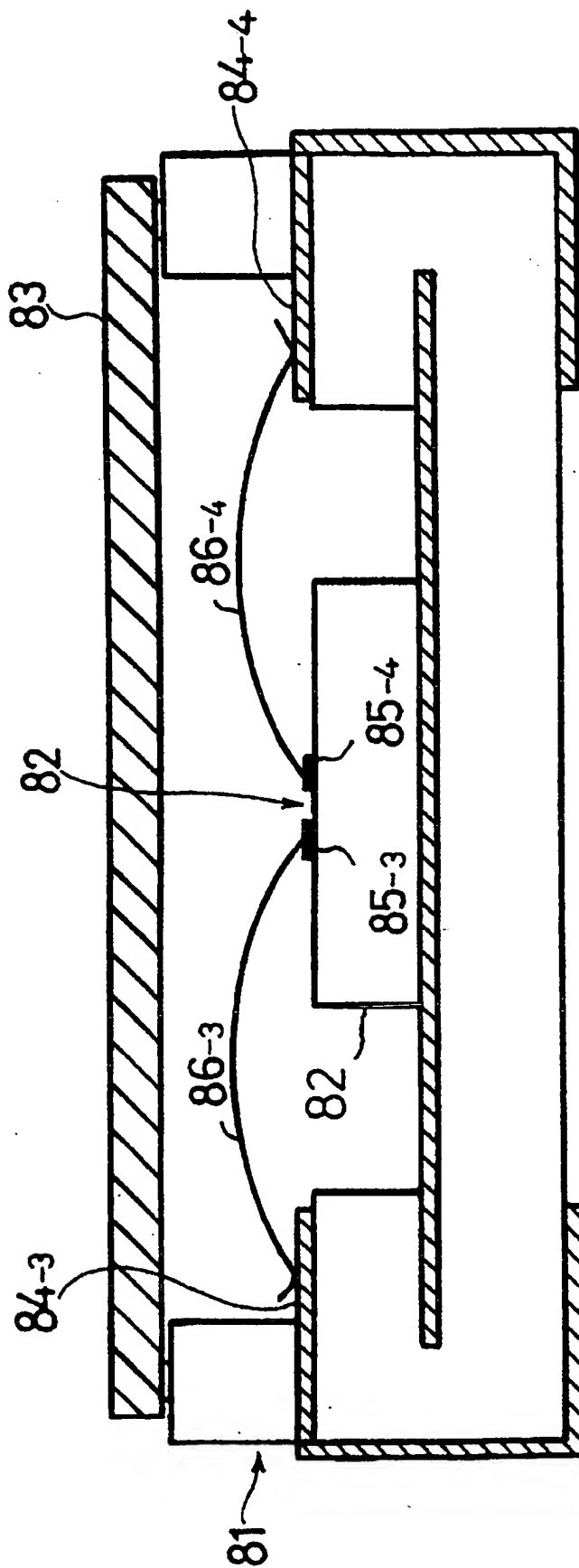
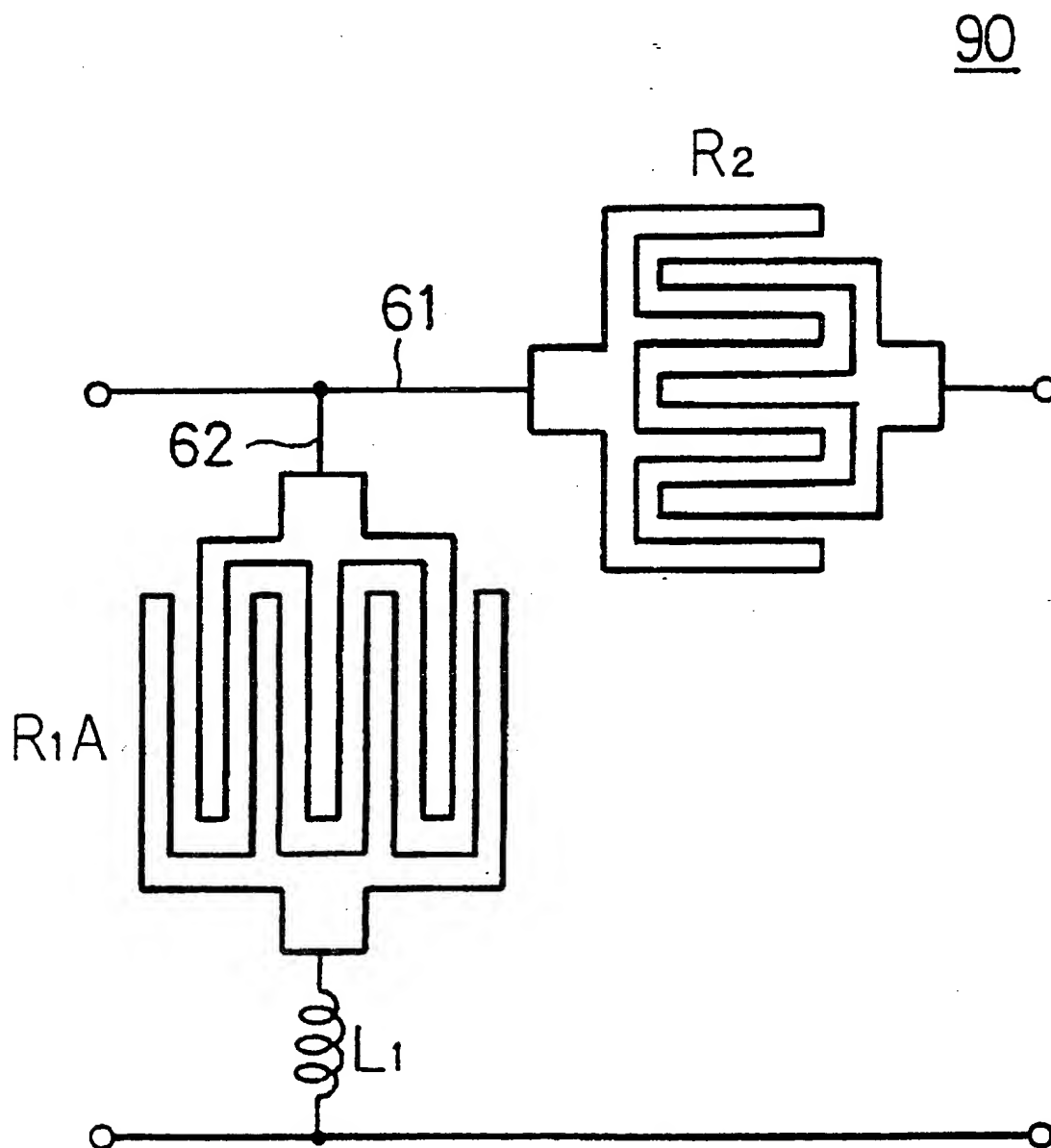


FIG. 18



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FIG. 19

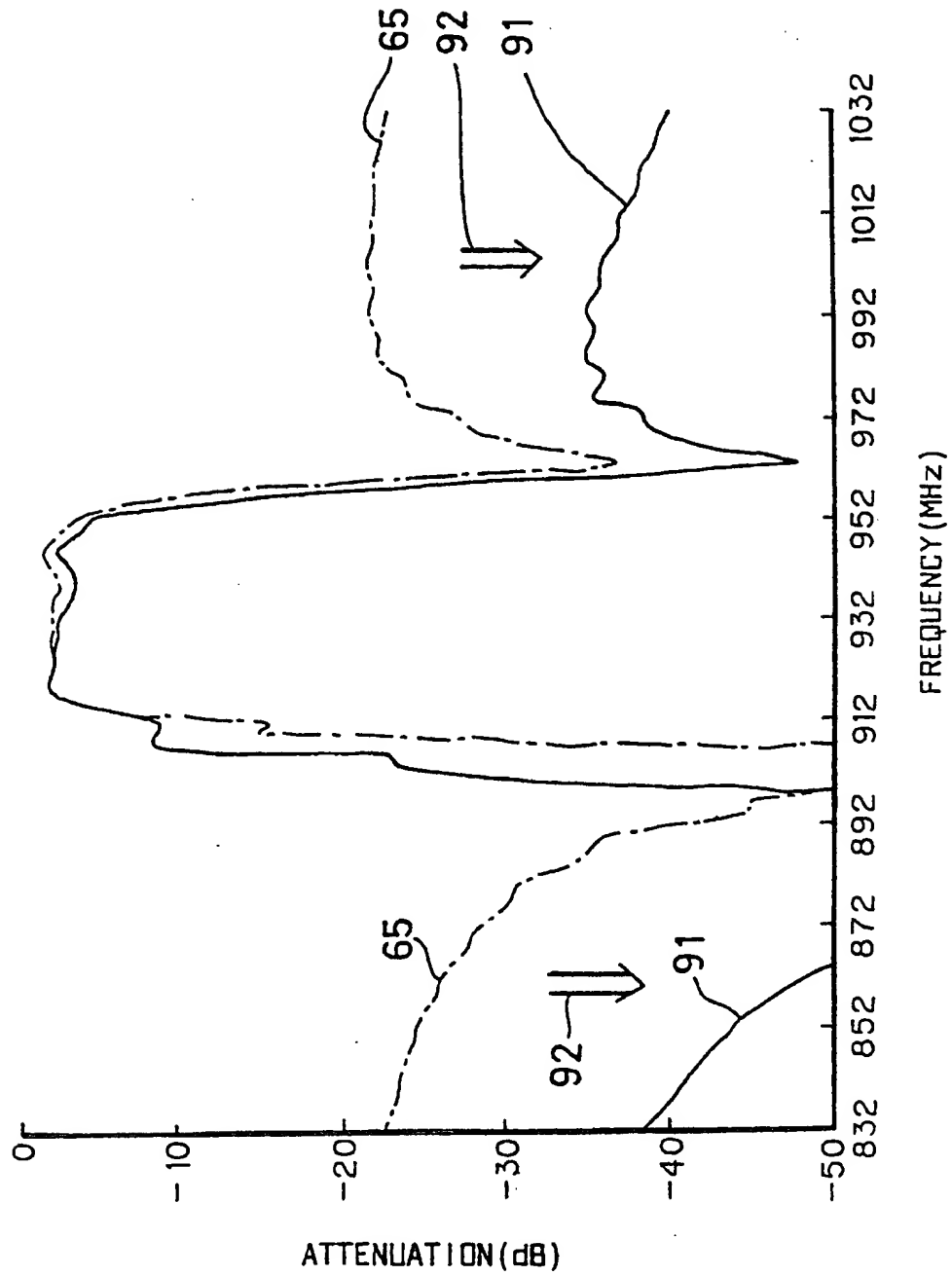


FIG. 19

FIG. 20A

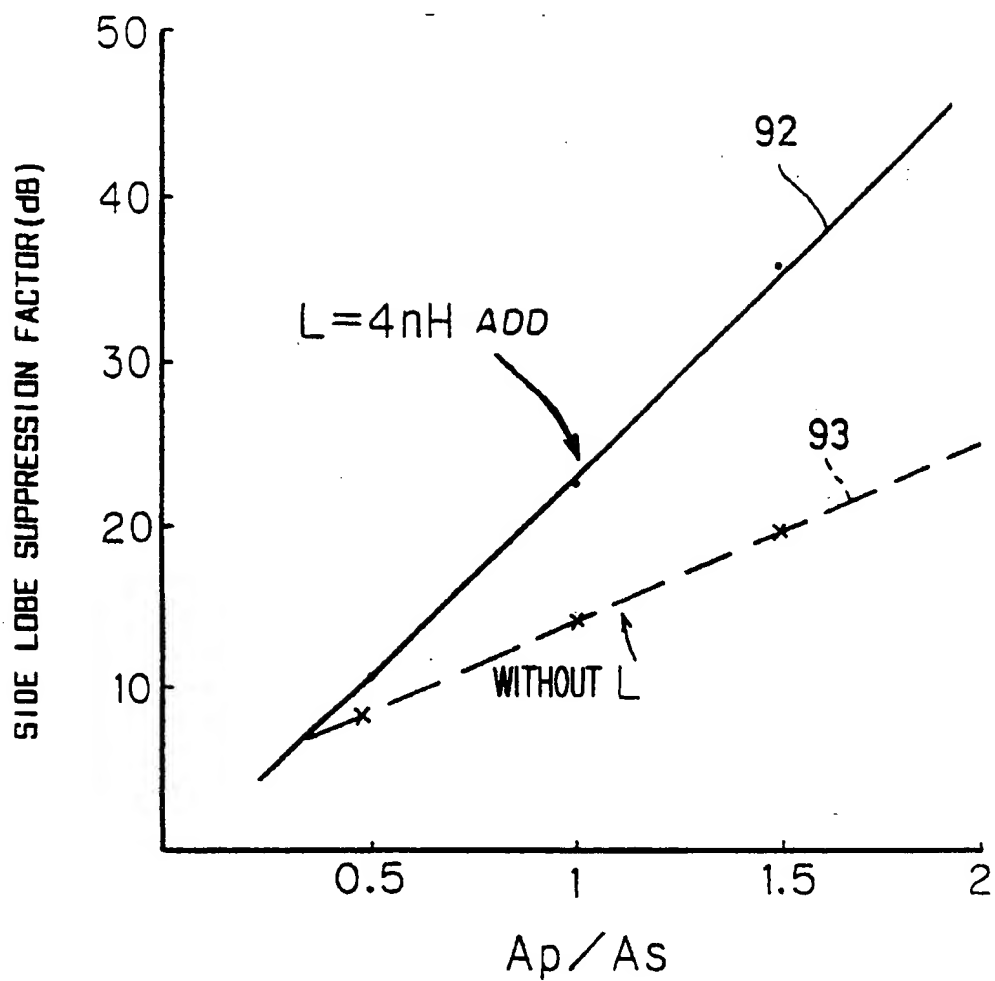


FIG. 20B

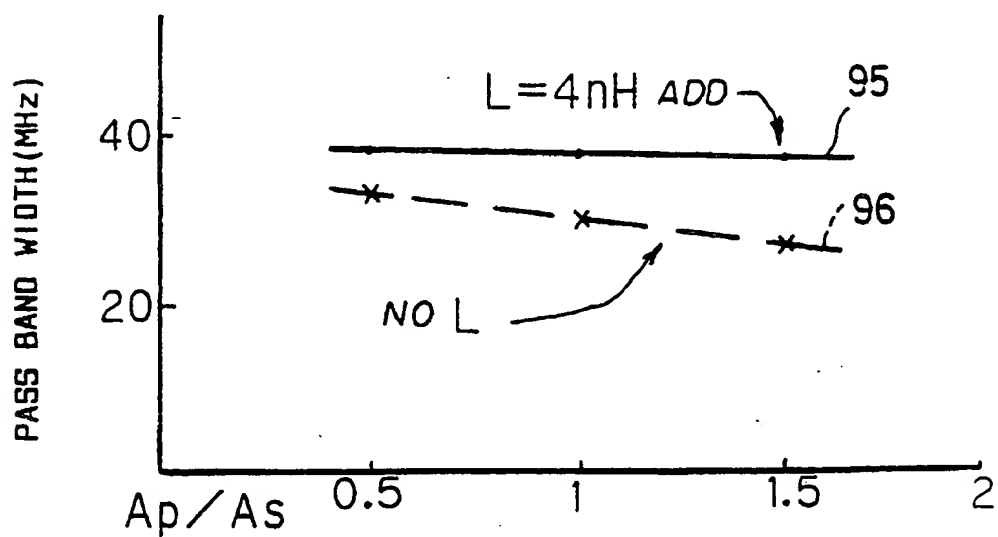


FIG. 21

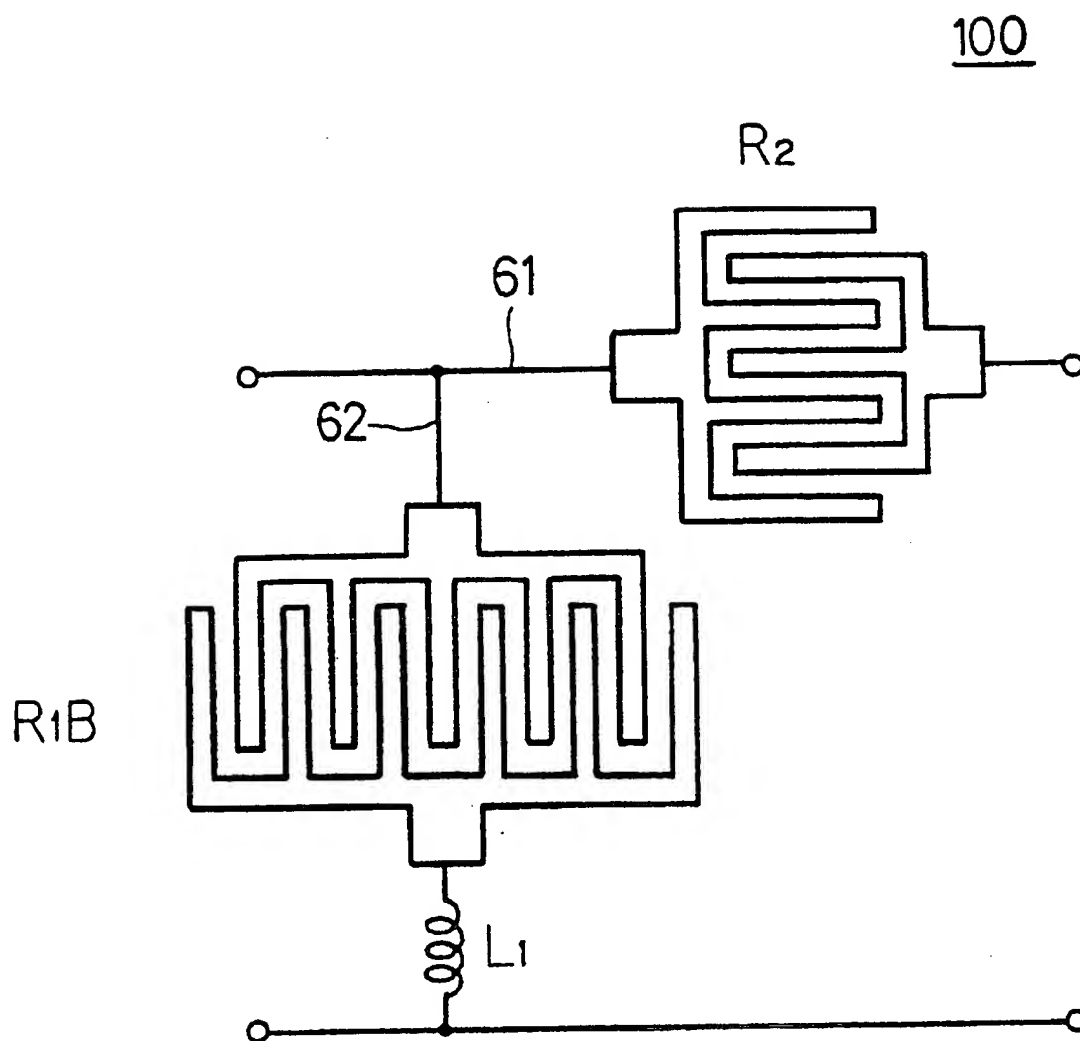


FIG. 21

FOOTNOTES: 21652660

FIG. 22

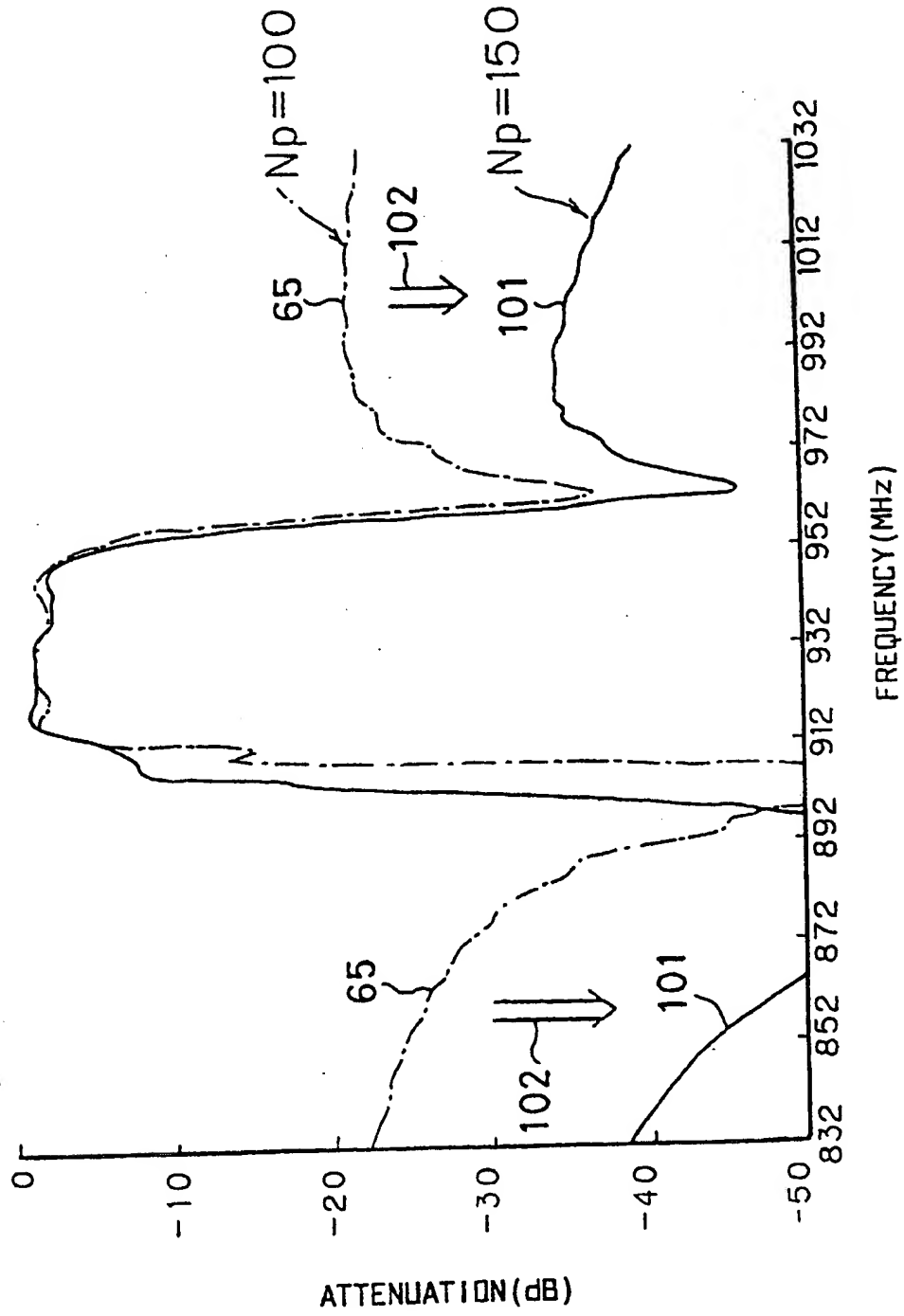


FIG. 23

FIG. 23

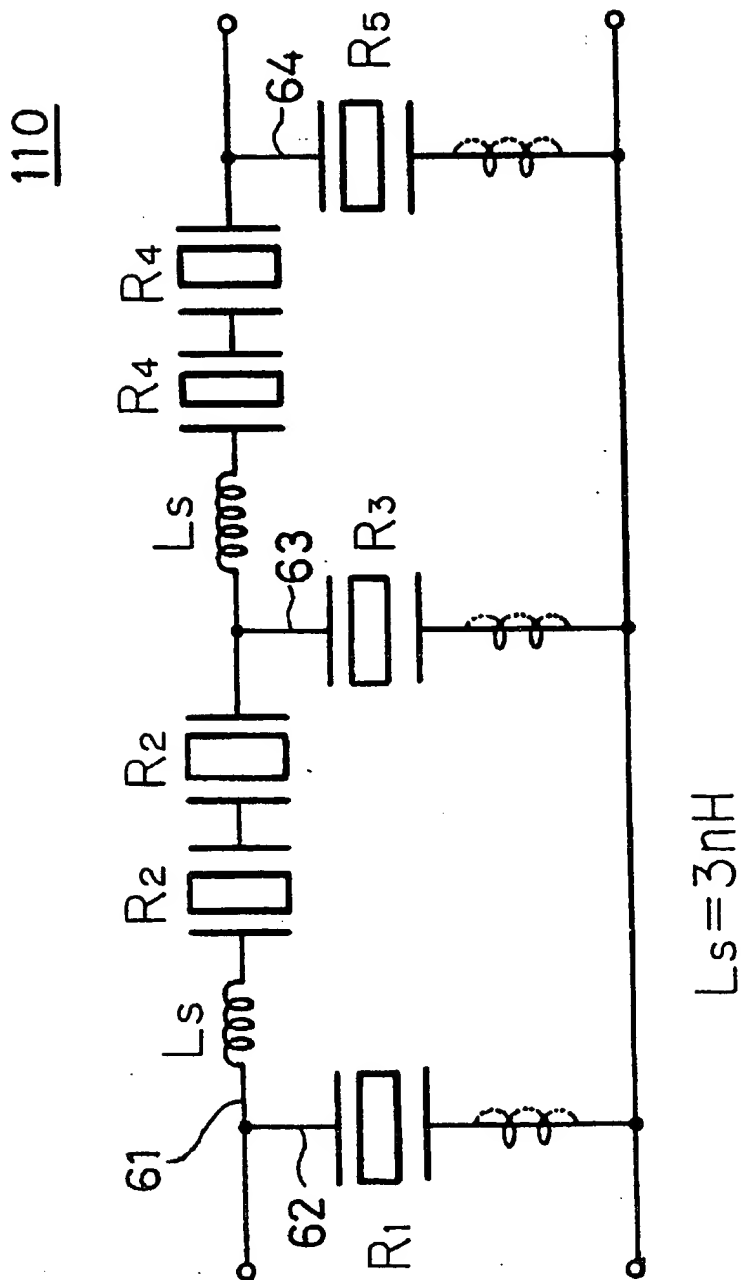


FIG. 24

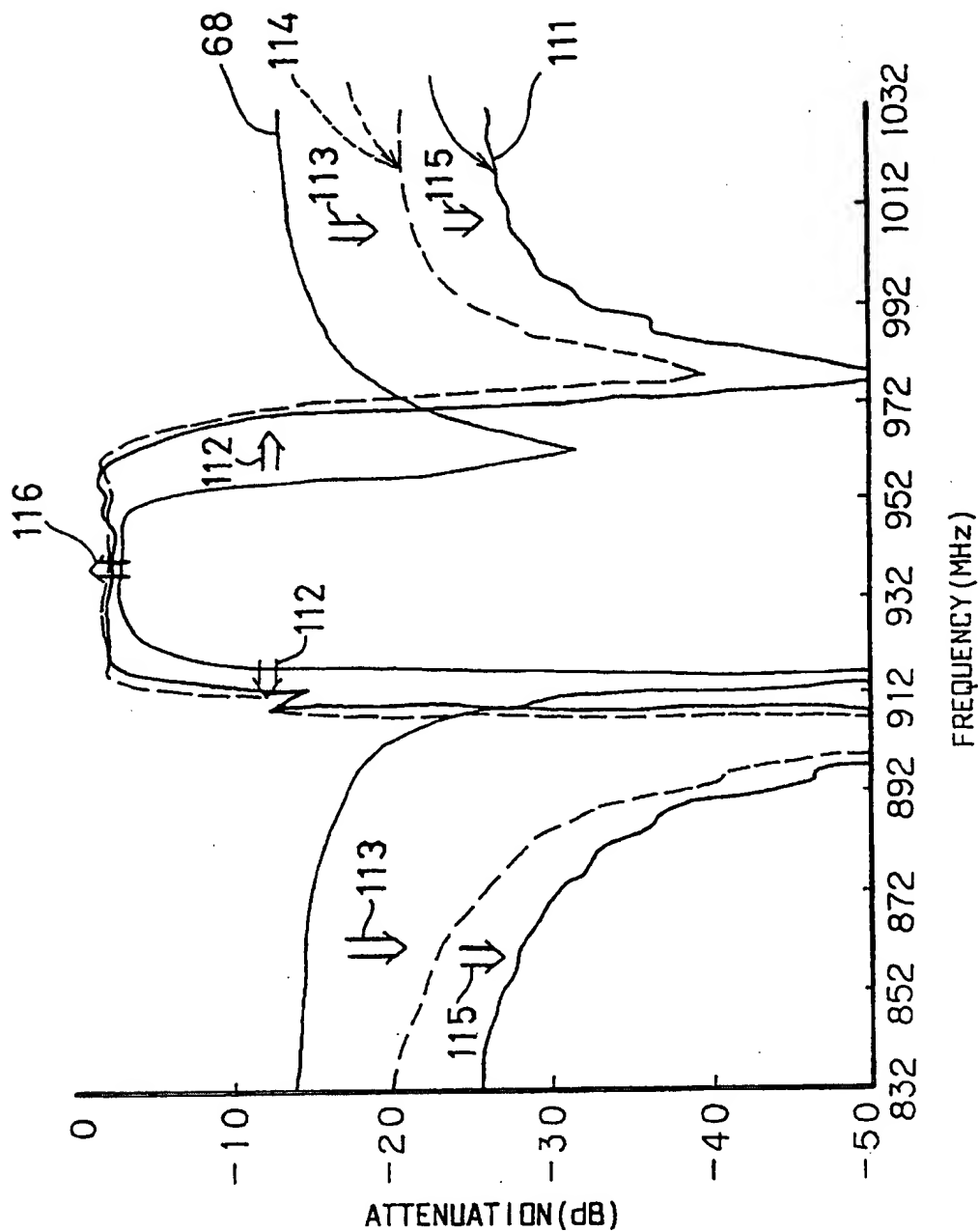


FIG. 25

FIG. 25

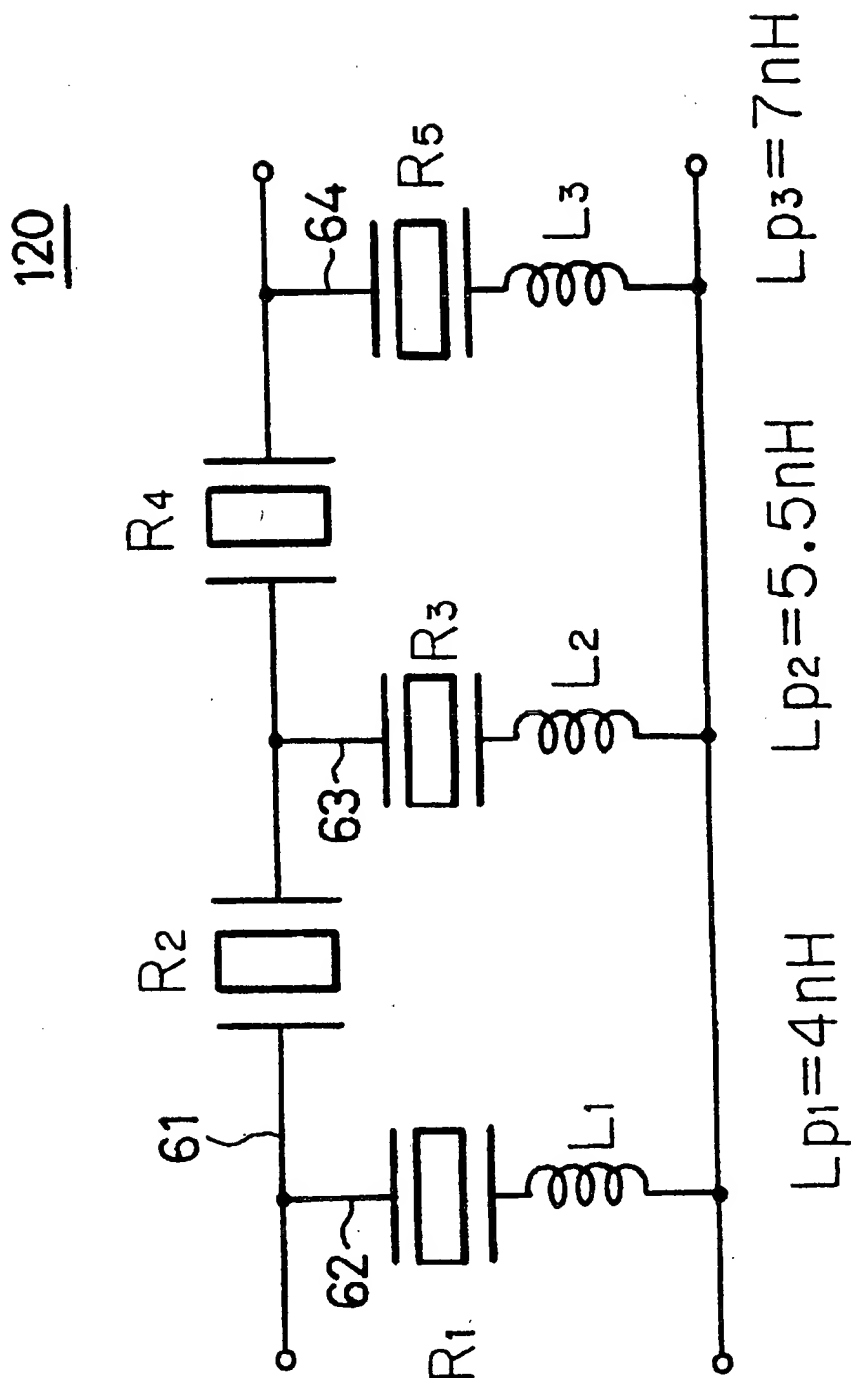


FIG. 26

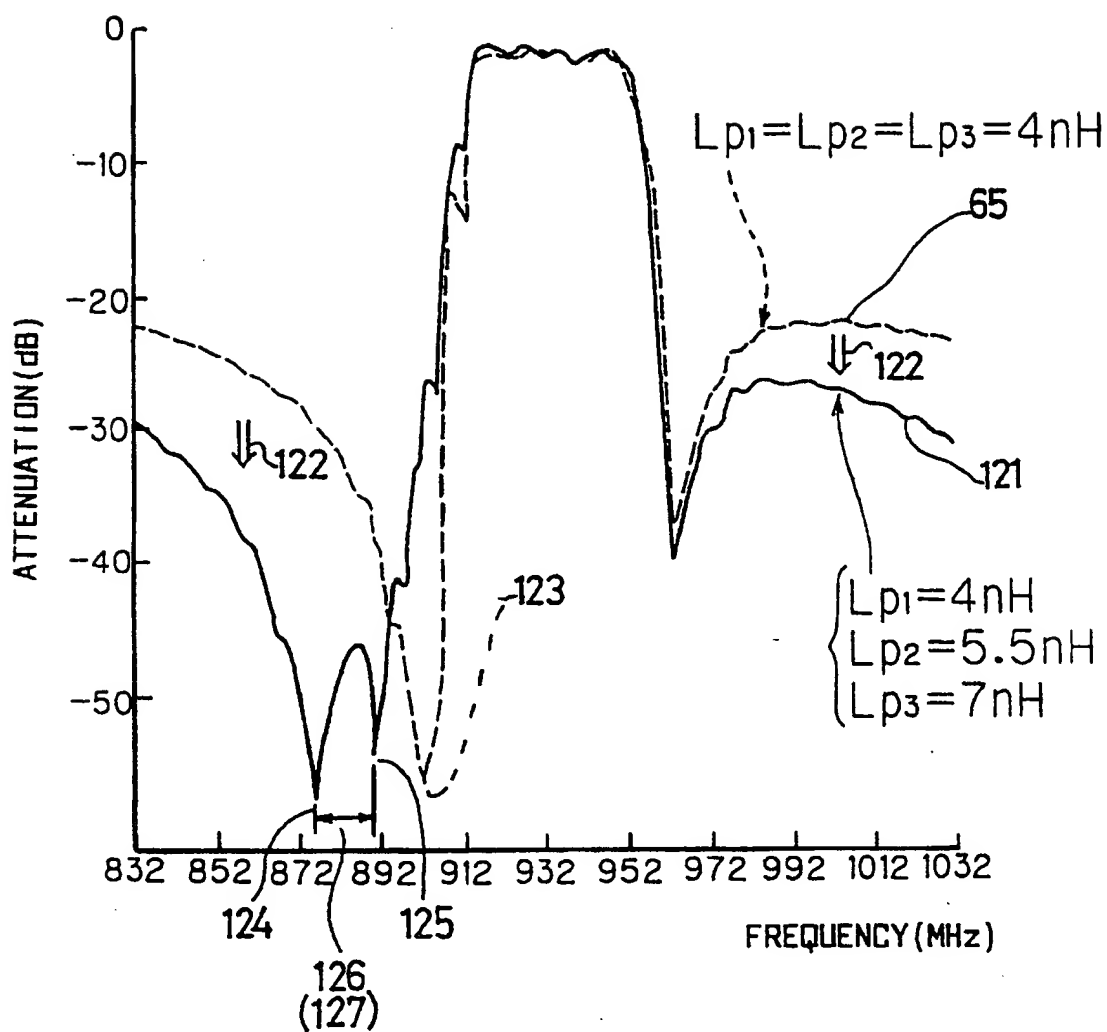


FIG. 27

FIG. 27

130

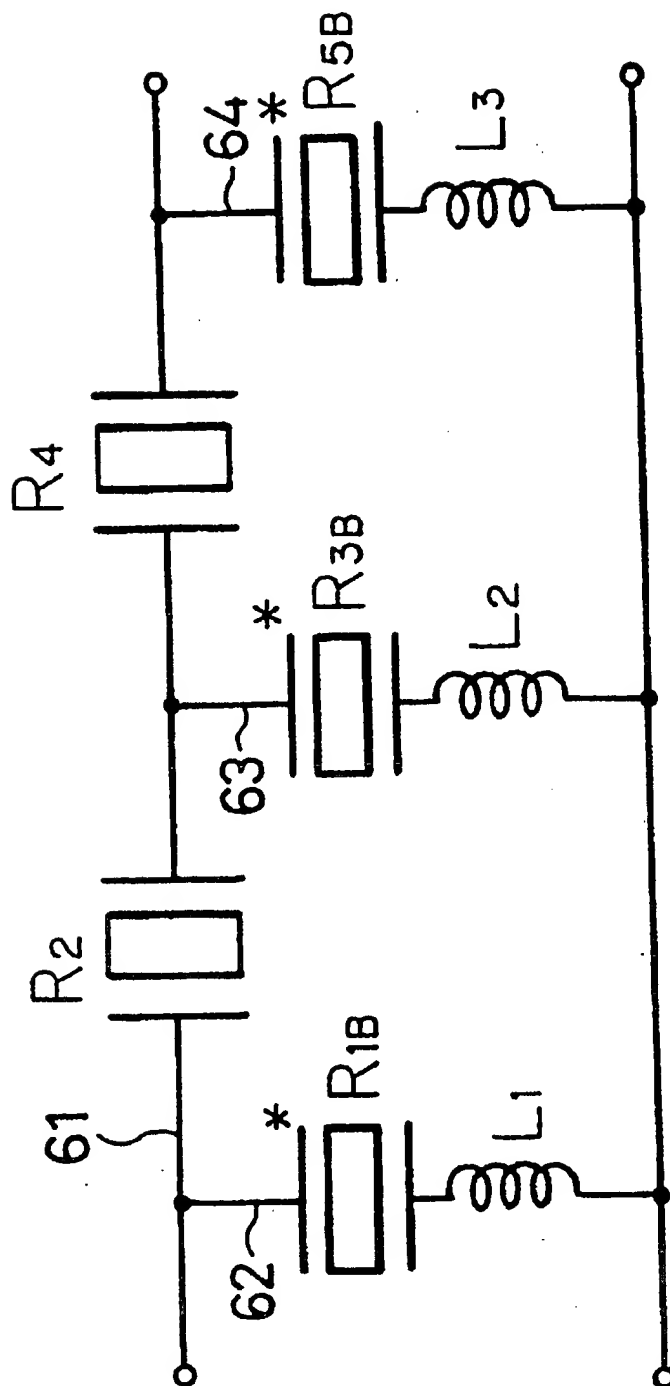
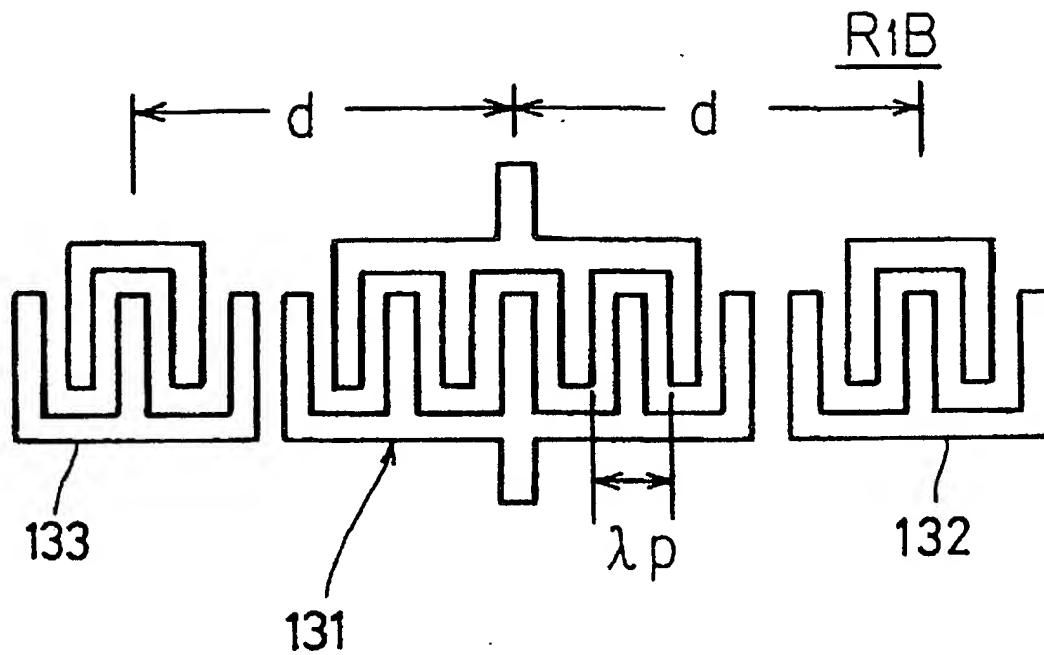


FIG. 28



FOOTNOTES: 21652660

FIG. 29

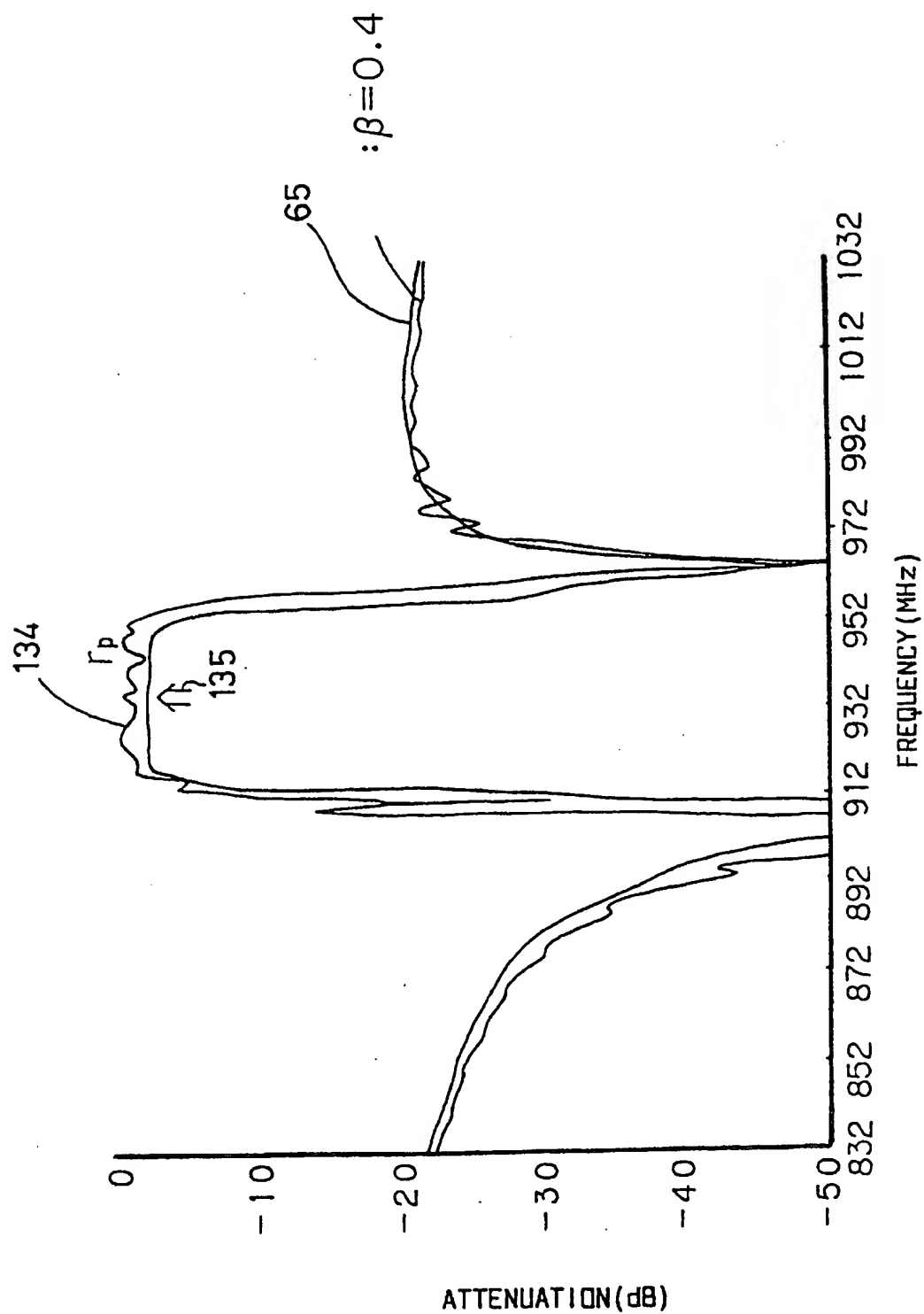


FIG. 30

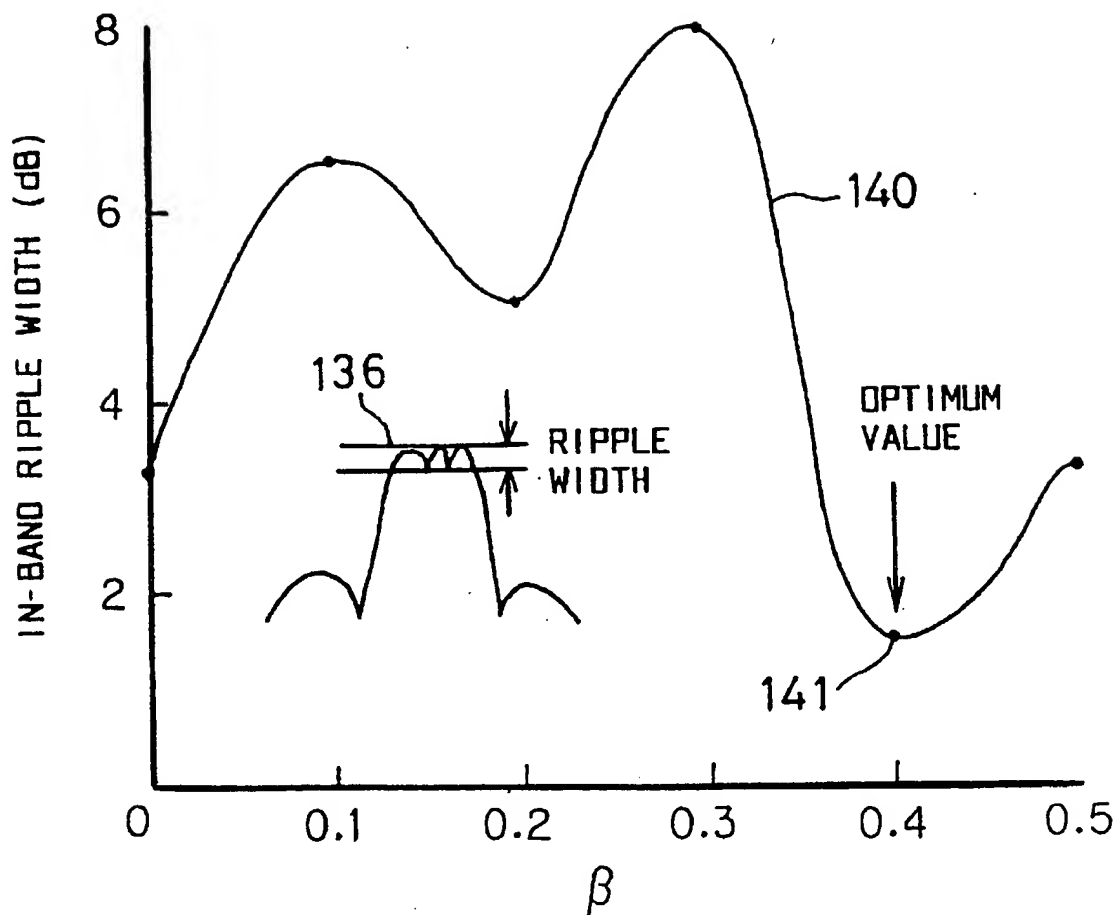
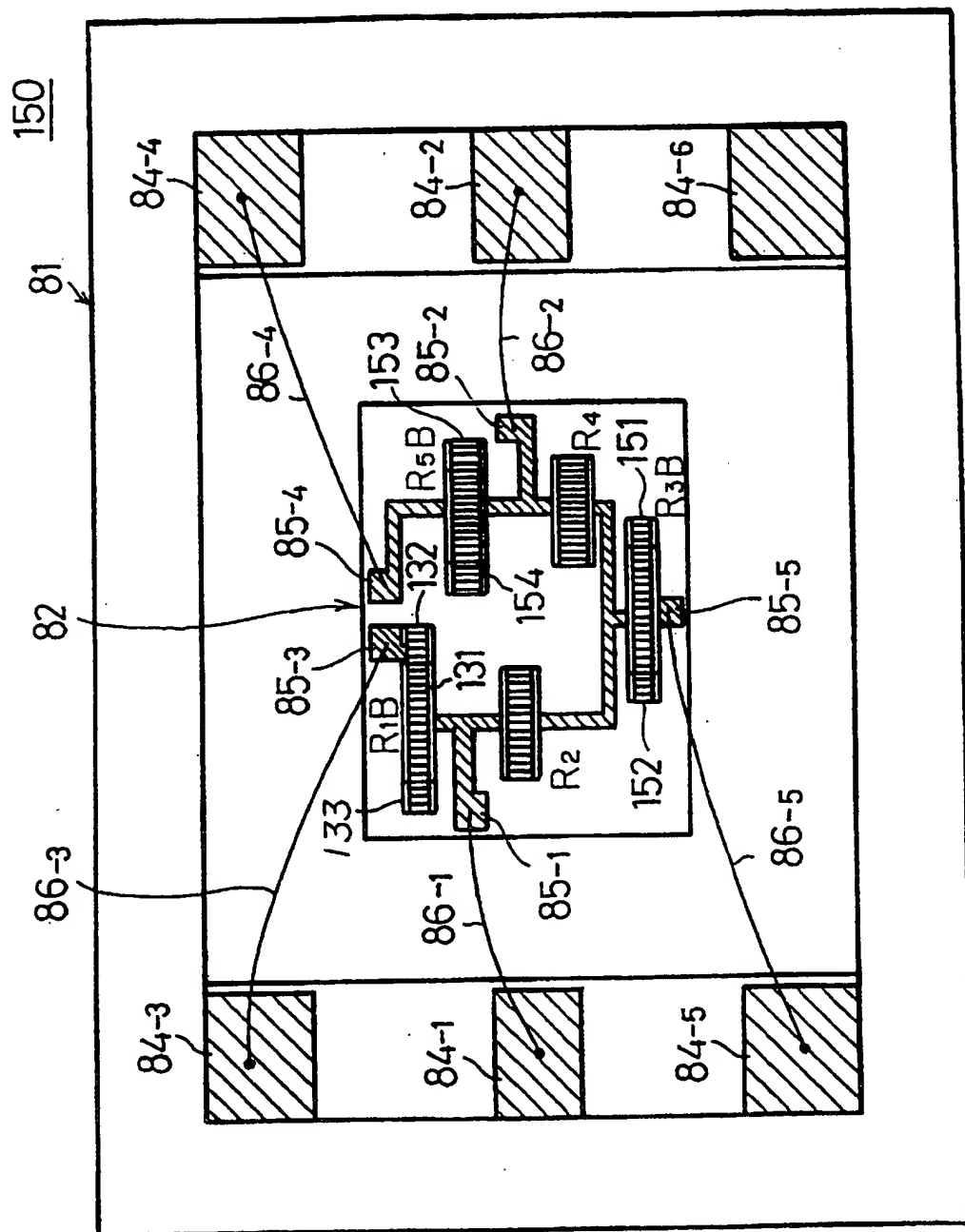
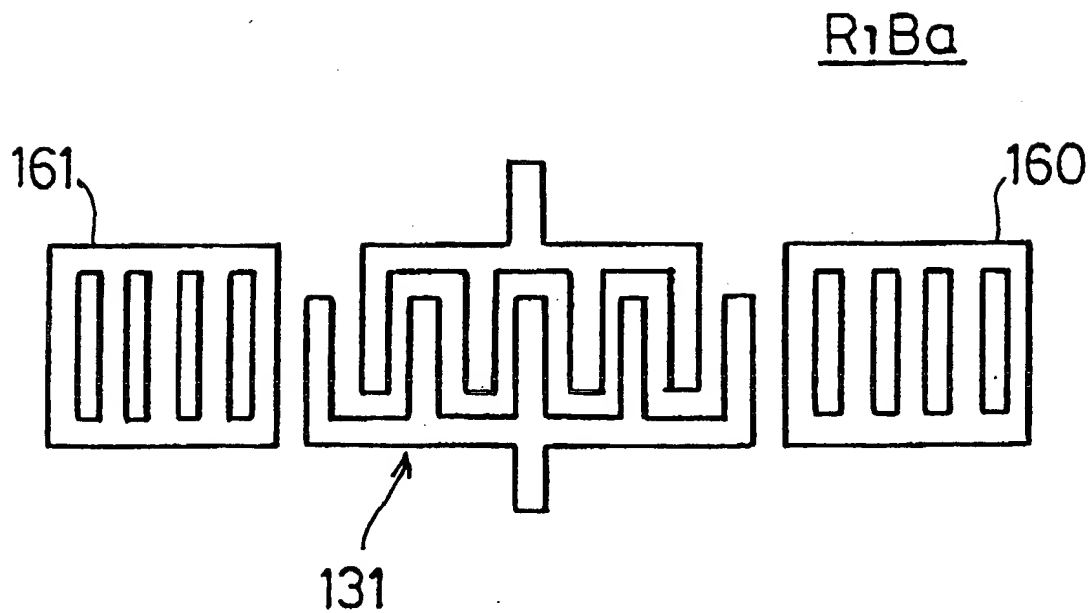


FIG. 31



FOOTNOTES 21652660

FIG. 32



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FOOTNOTES 21652660

FIG. 34

170

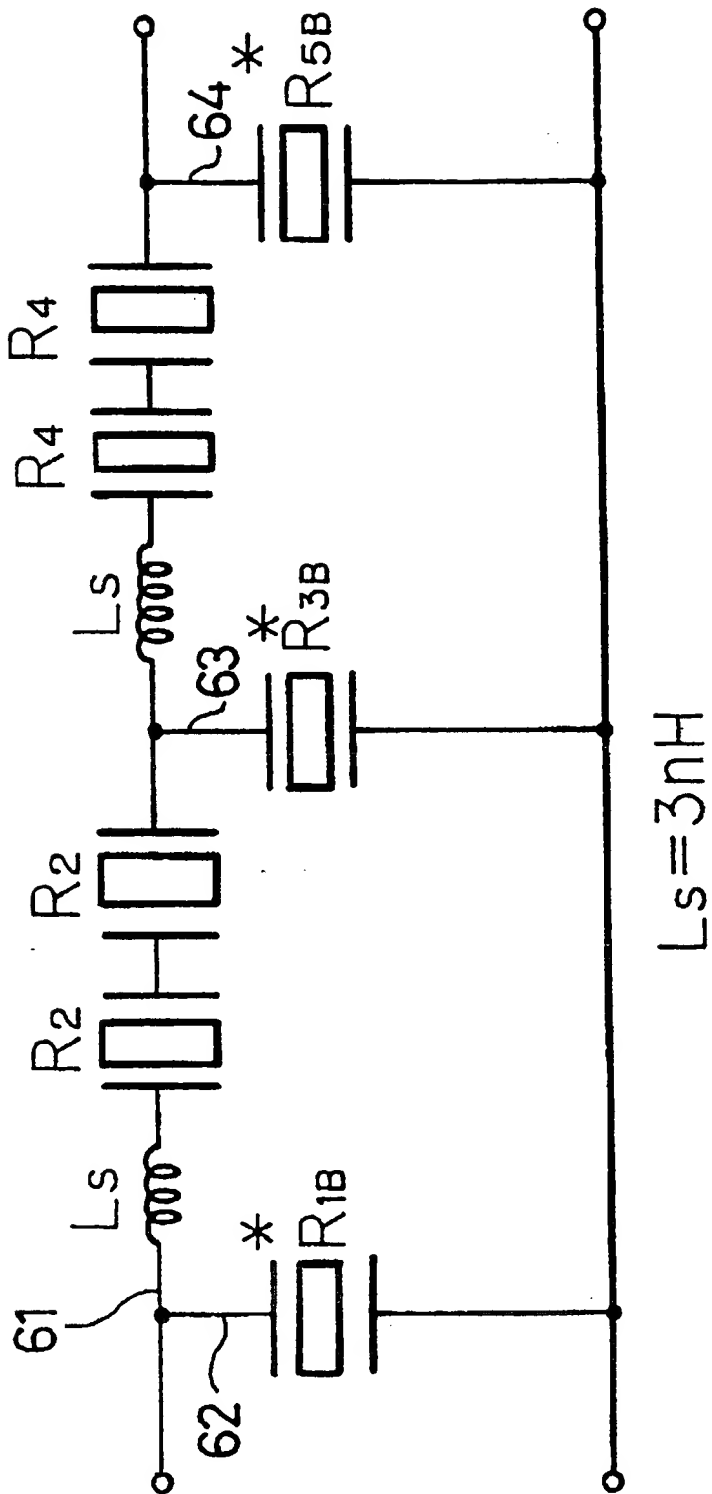


FIG. 35

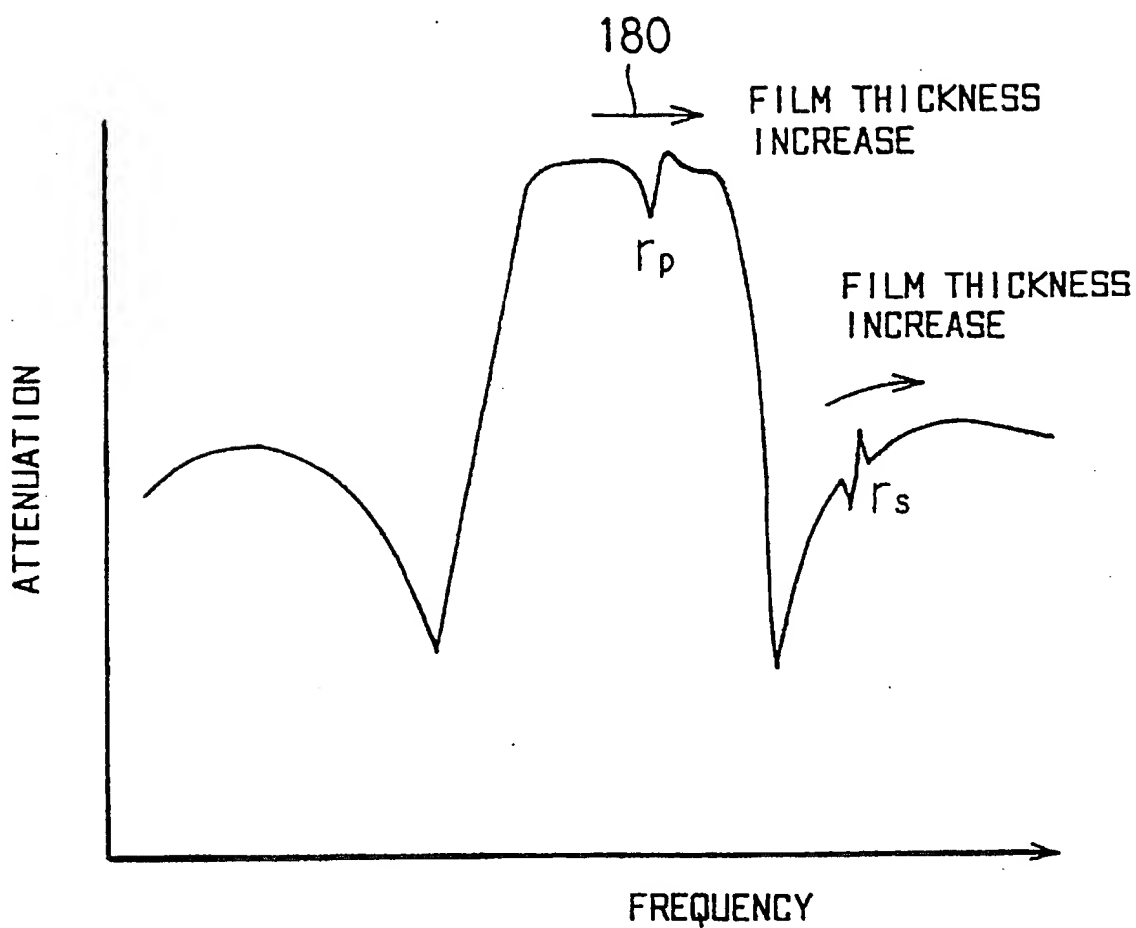


FIG. 36

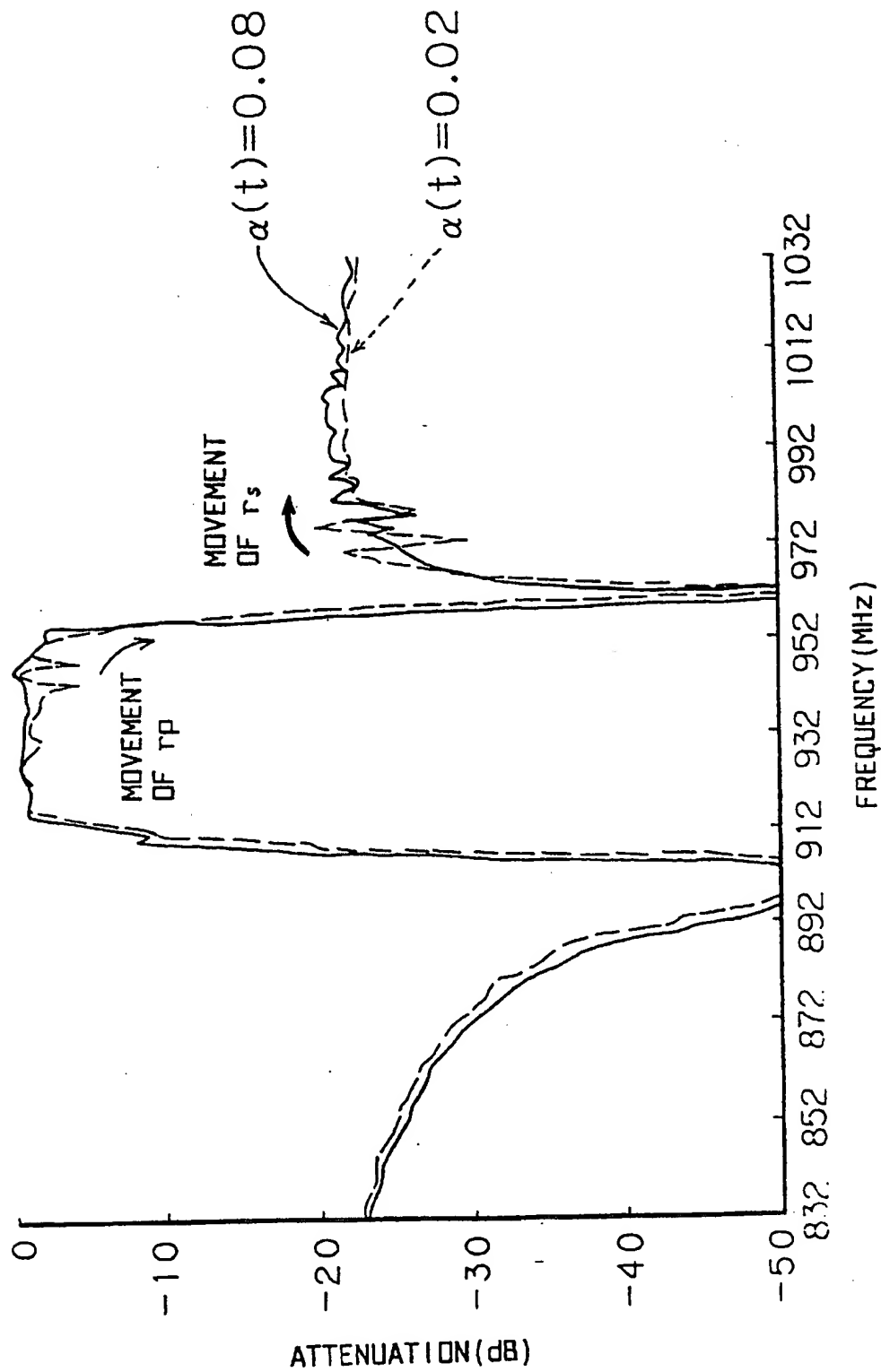


FIG. 37A

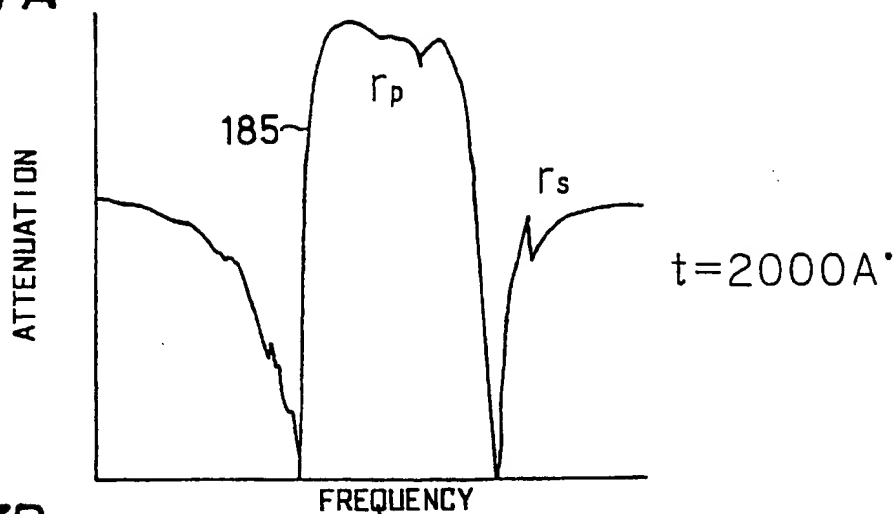


FIG. 37B

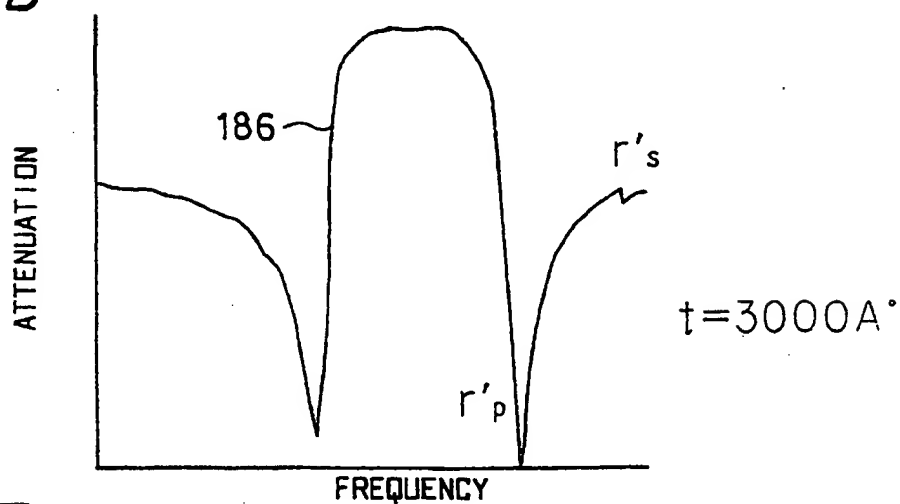


FIG. 37C

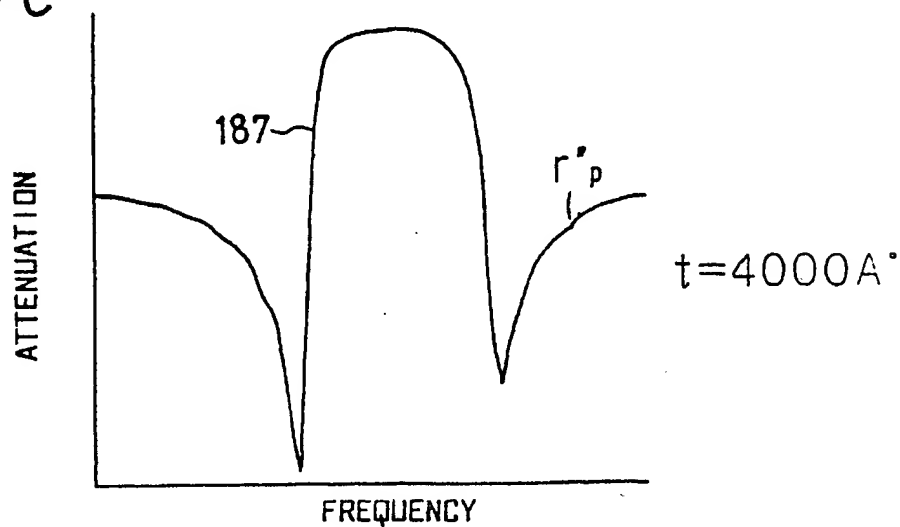


FIG. 38A

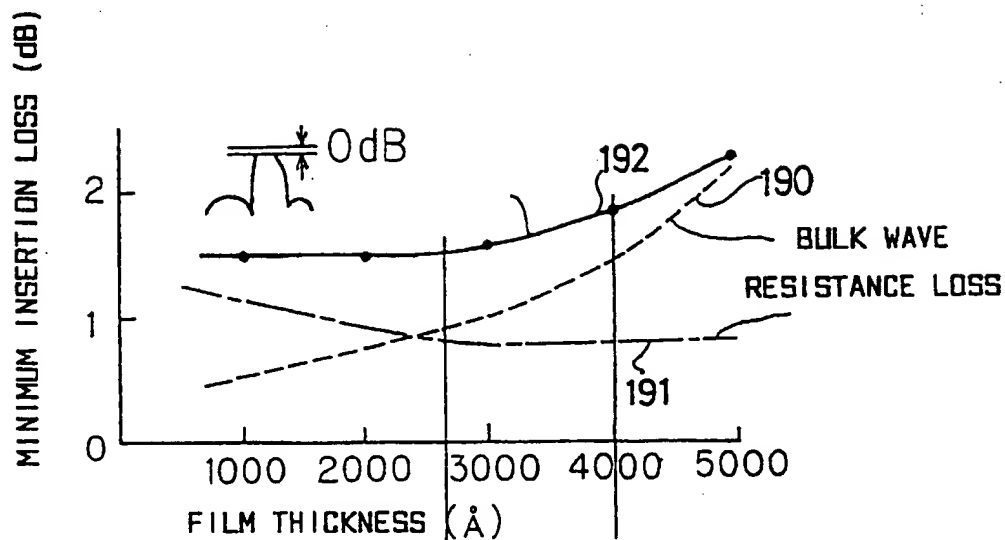


FIG. 38B

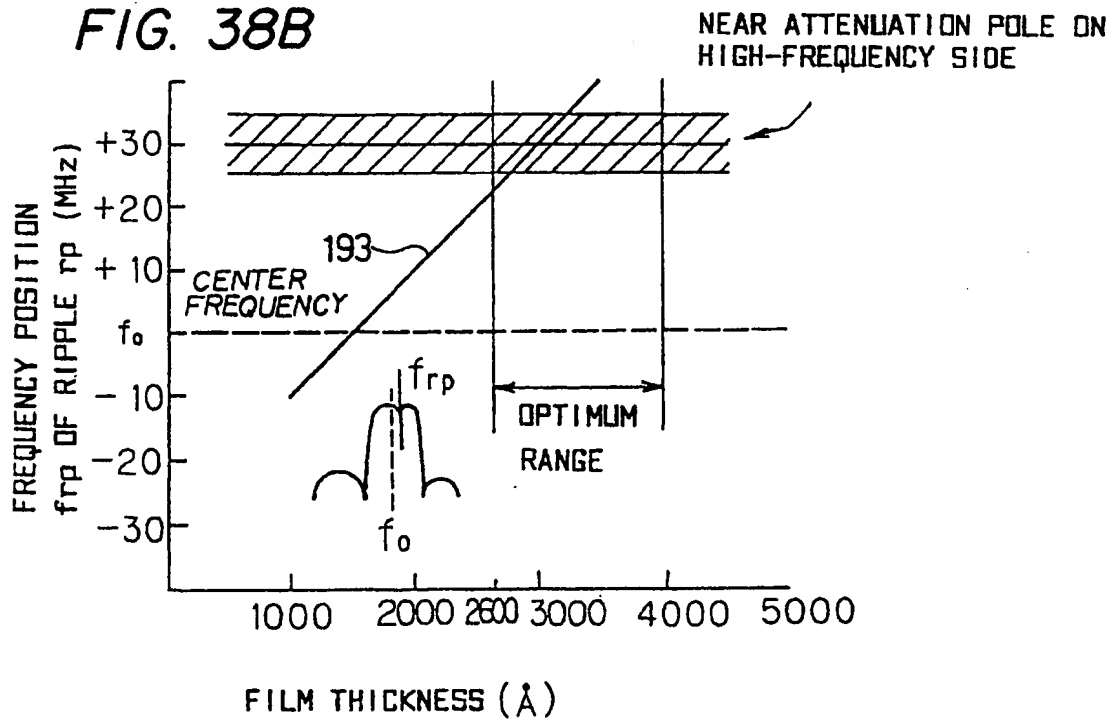


FIG. 39

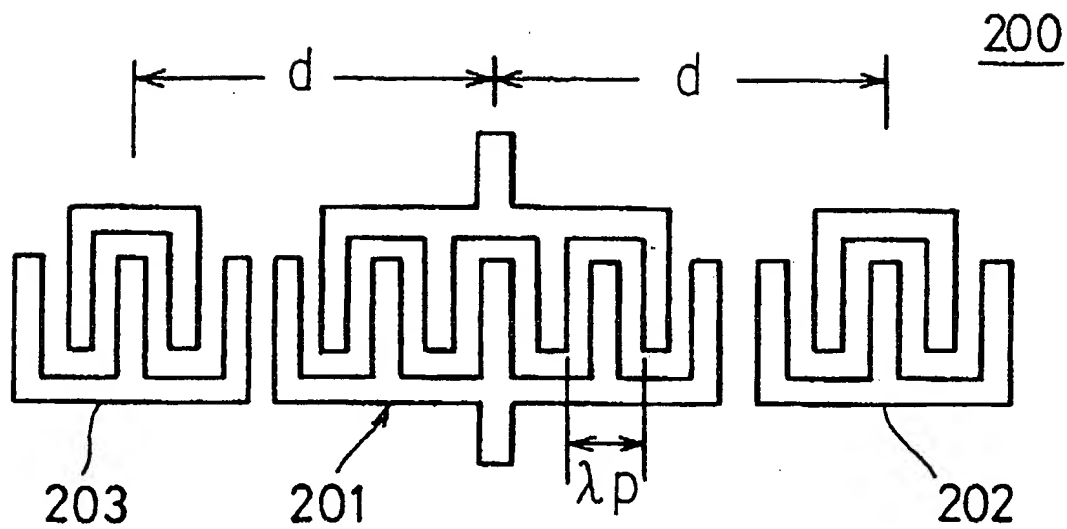


FIG. 40

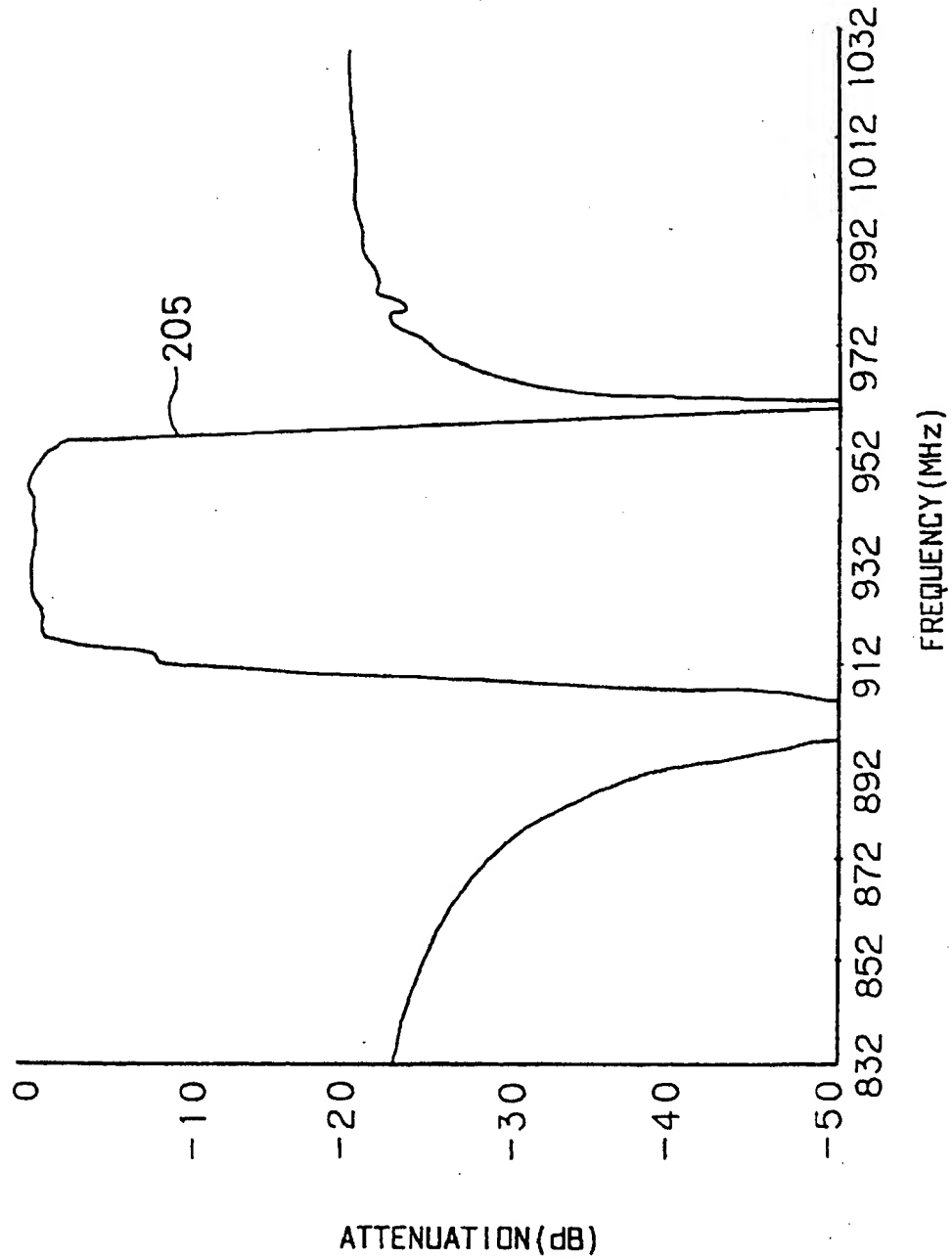
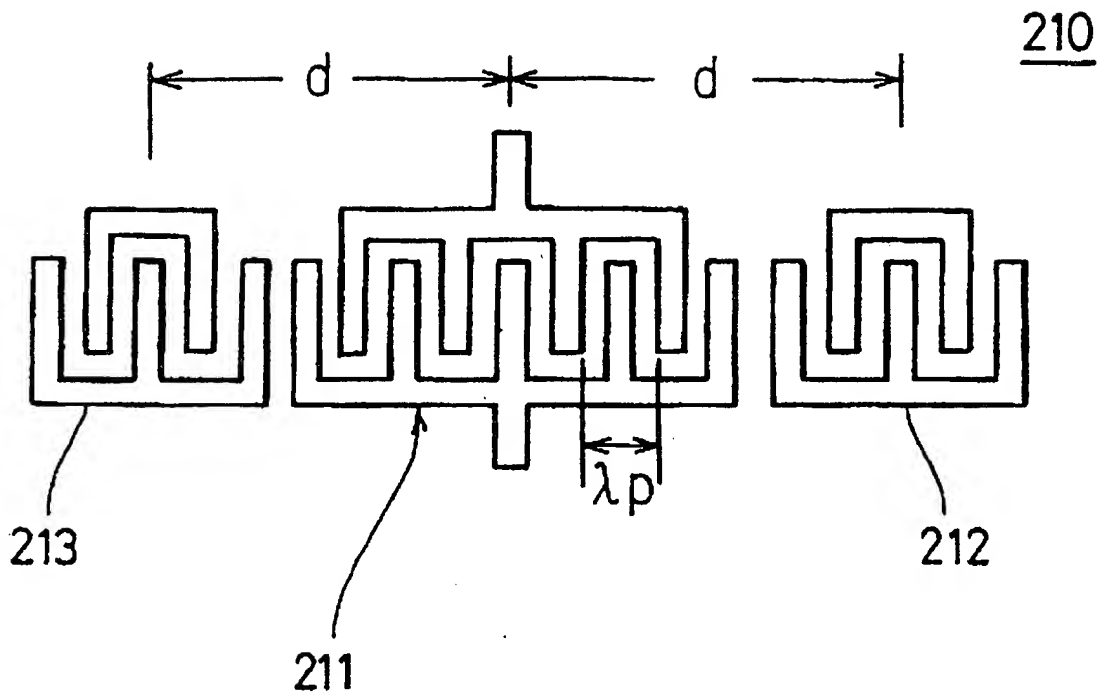


FIG. 41



FOOTNOTES: 21652660

FIG. 42

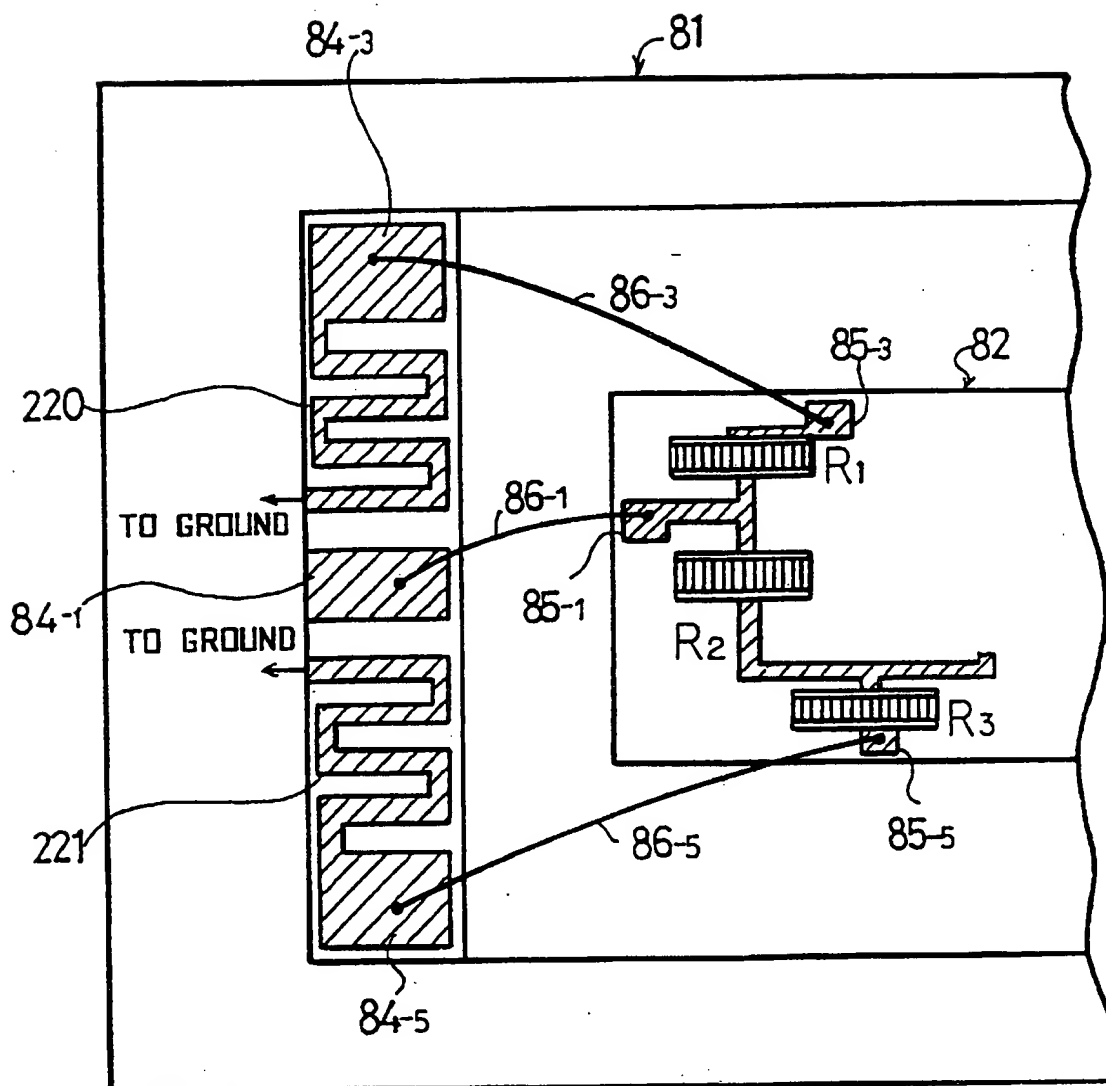


FIG. 42

FIG. 43

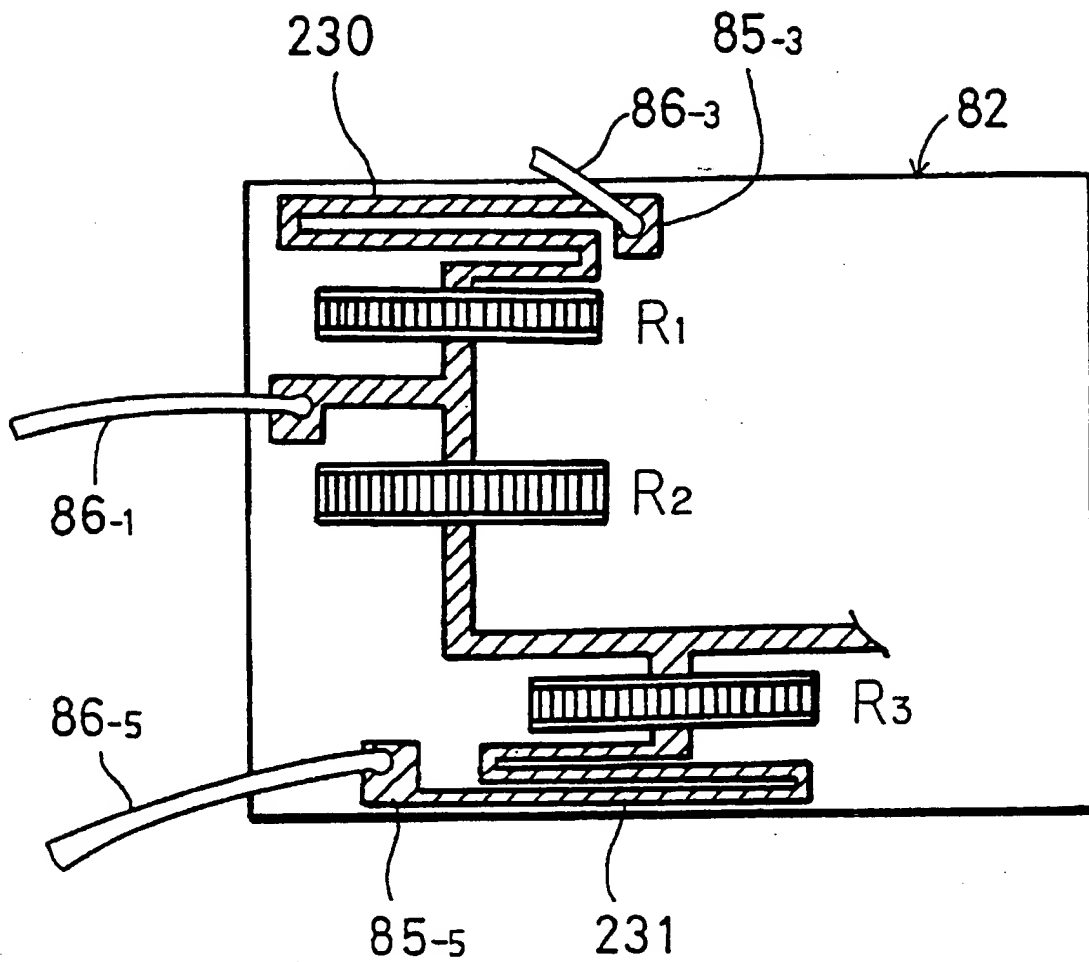


FIG. 43

FIG. 44

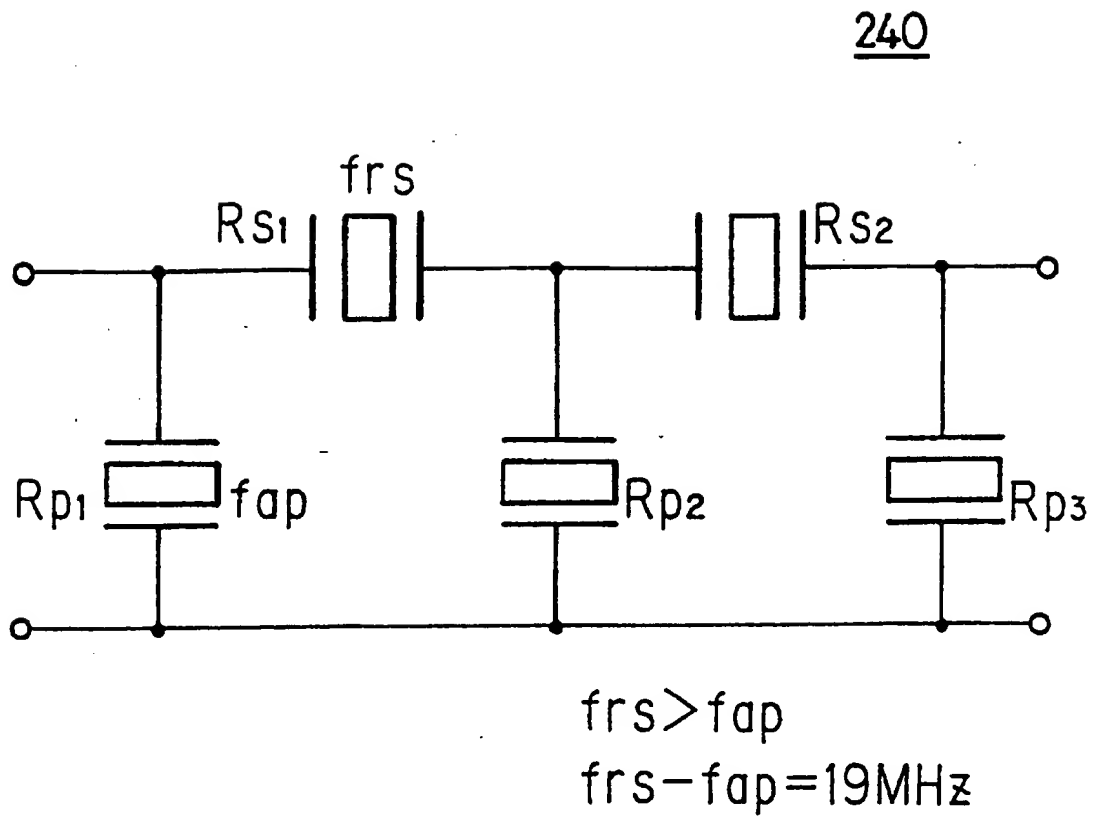
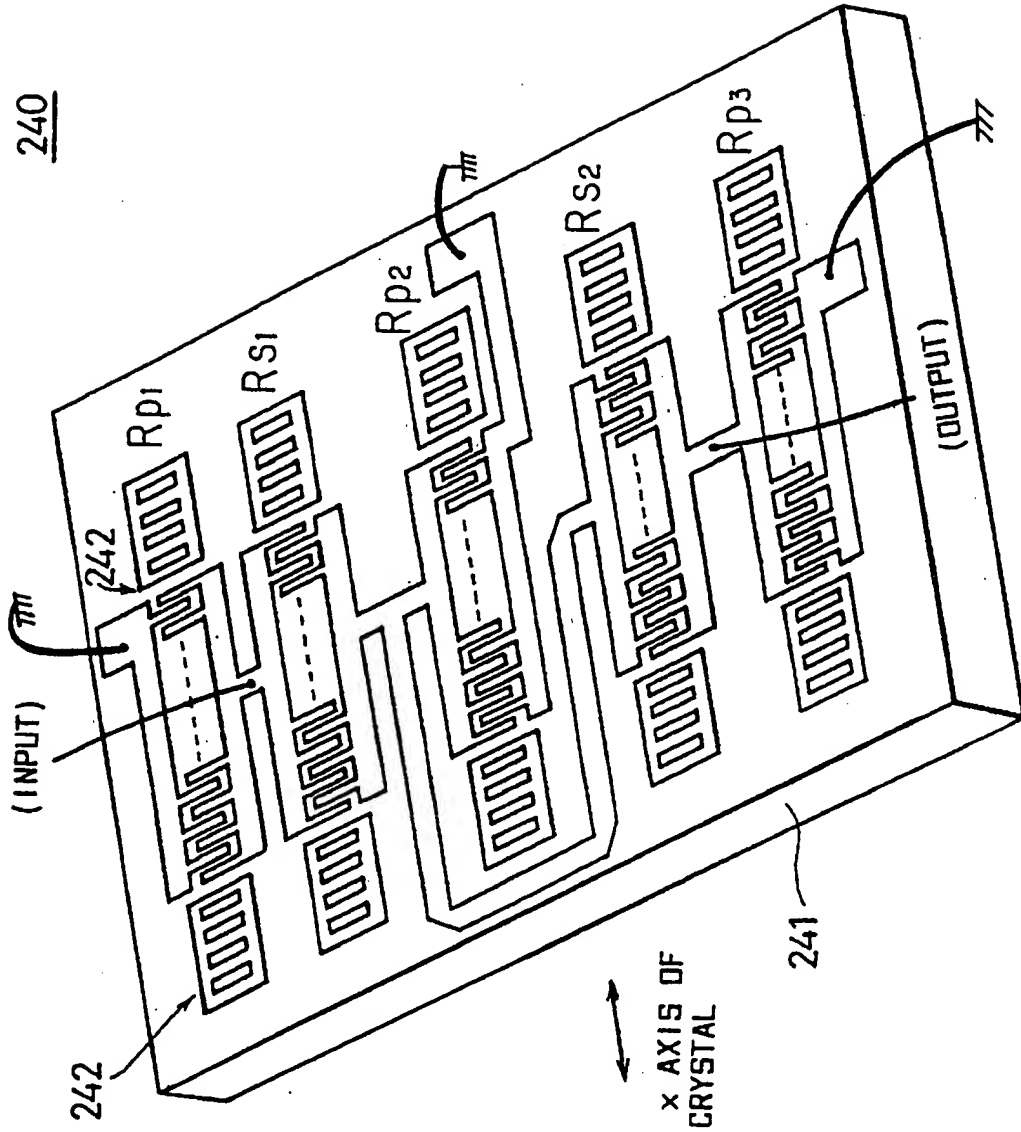


FIG. 45



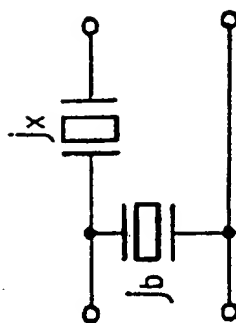
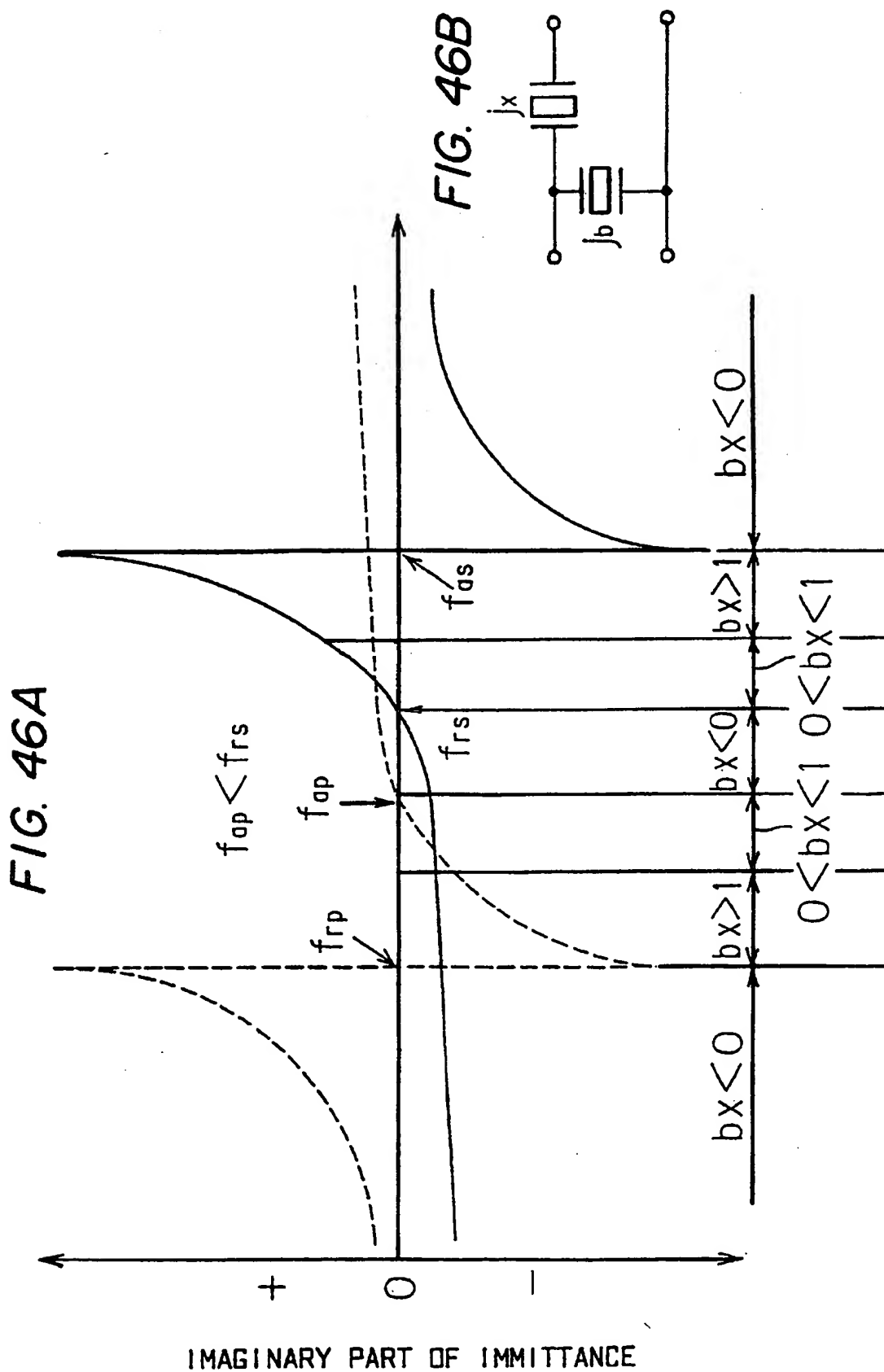


FIG. 47A

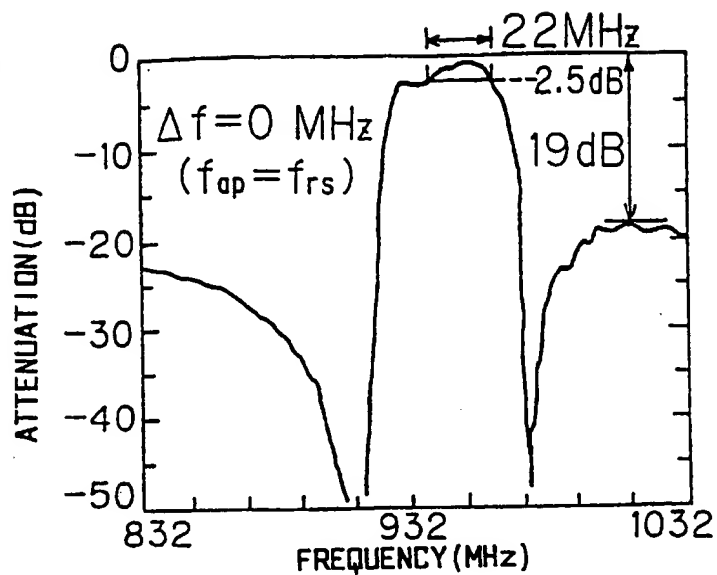


FIG. 47B

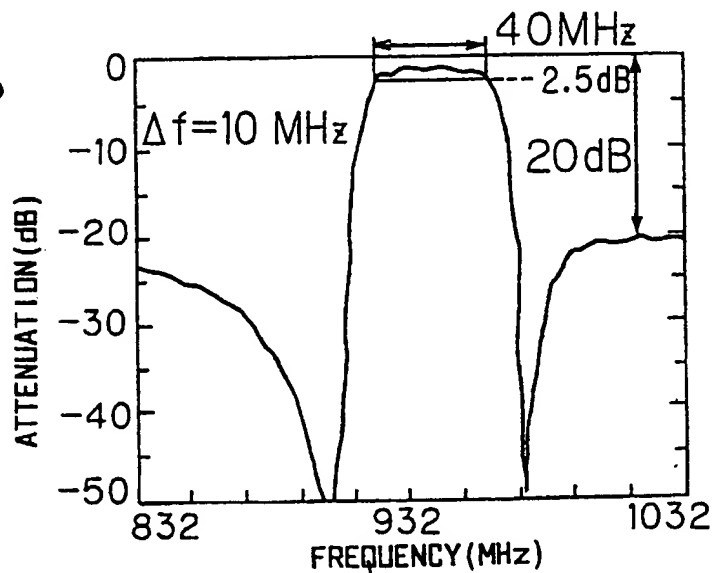
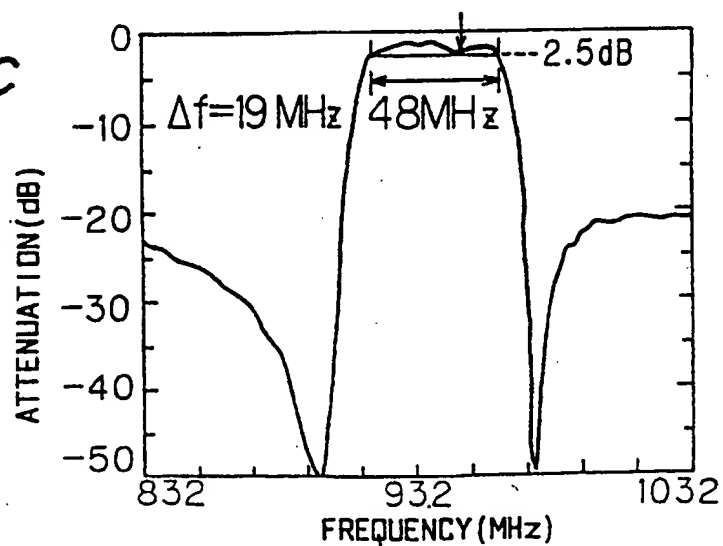


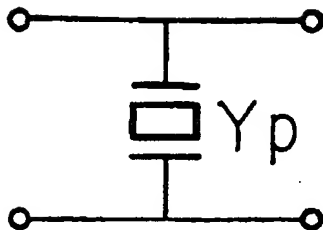
FIG. 47C



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FIG. 48A

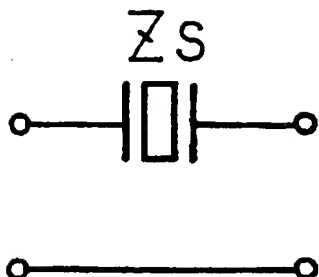
ATTENUATION



$$Y_p = \frac{1}{25} \left(\frac{1 - S_{21}}{S_{21}} \right) (S)$$

FIG. 48B

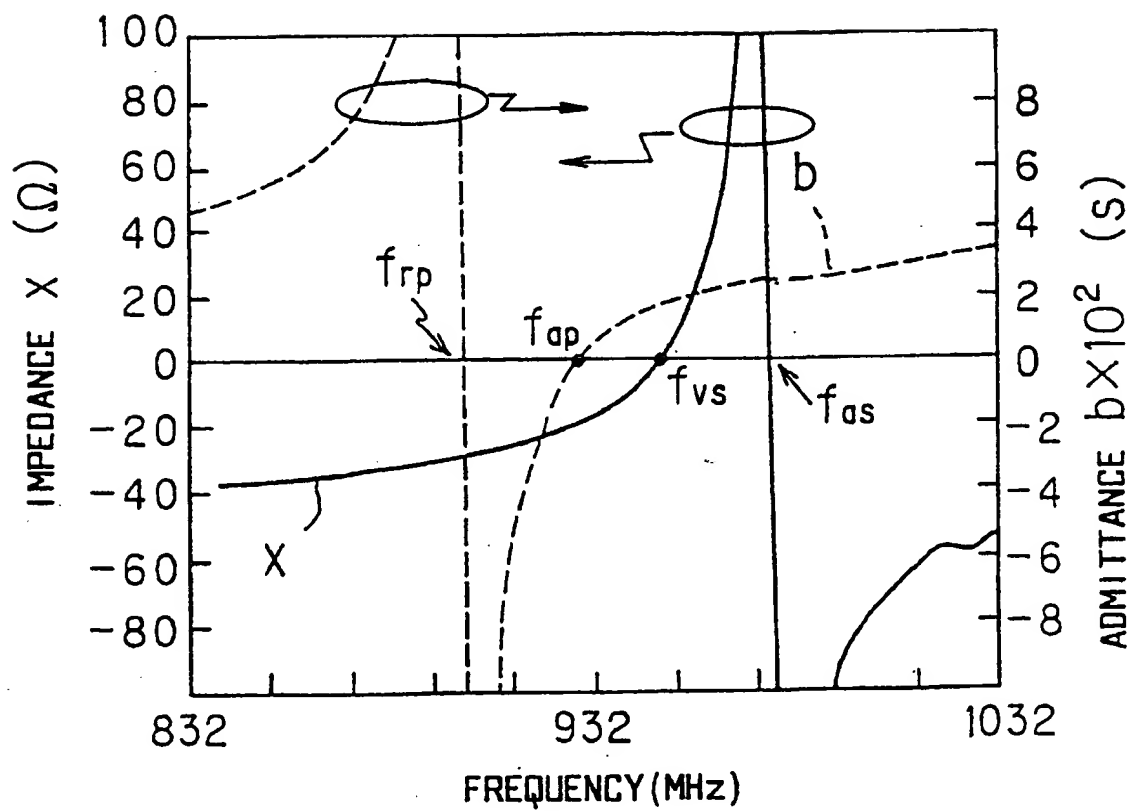
IMPEDANCE



$$Z_s = 100 \left(\frac{1 - S_{21}}{S_{21}} \right) (\Omega)$$

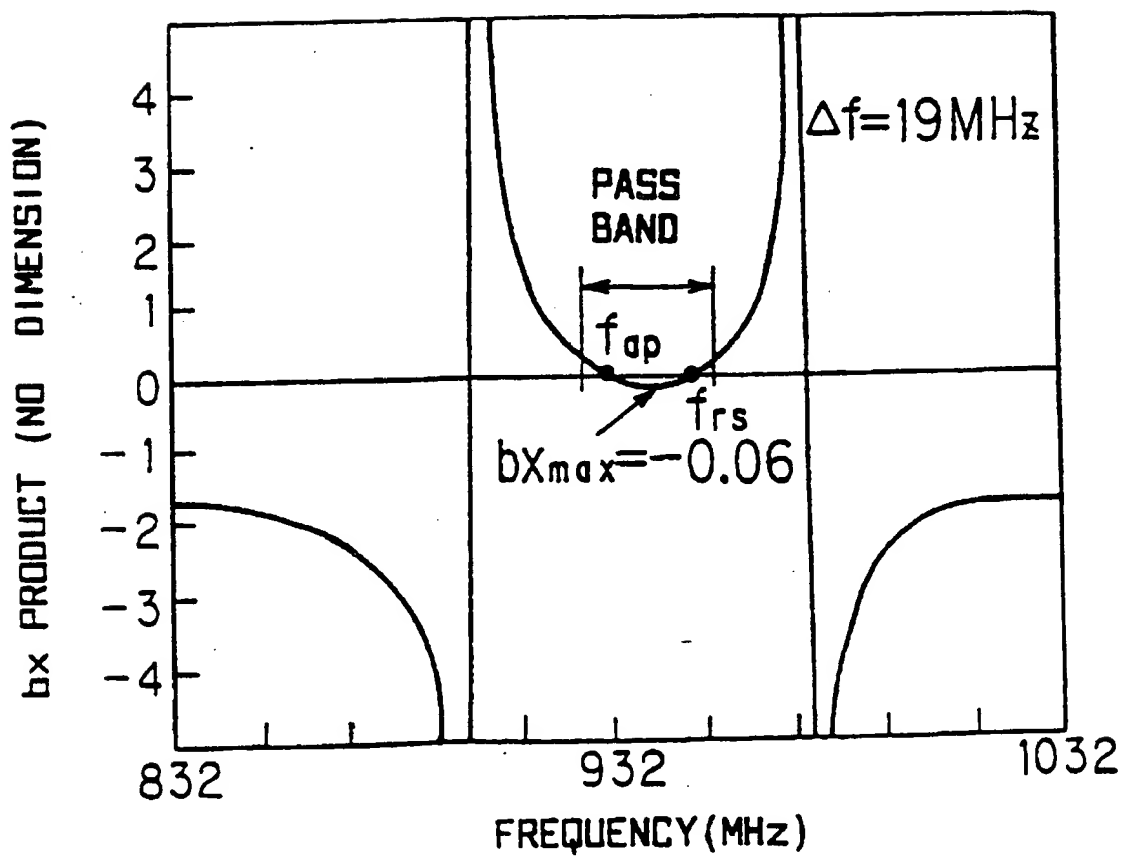
FOOTNOTES: 24652660

FIG. 49



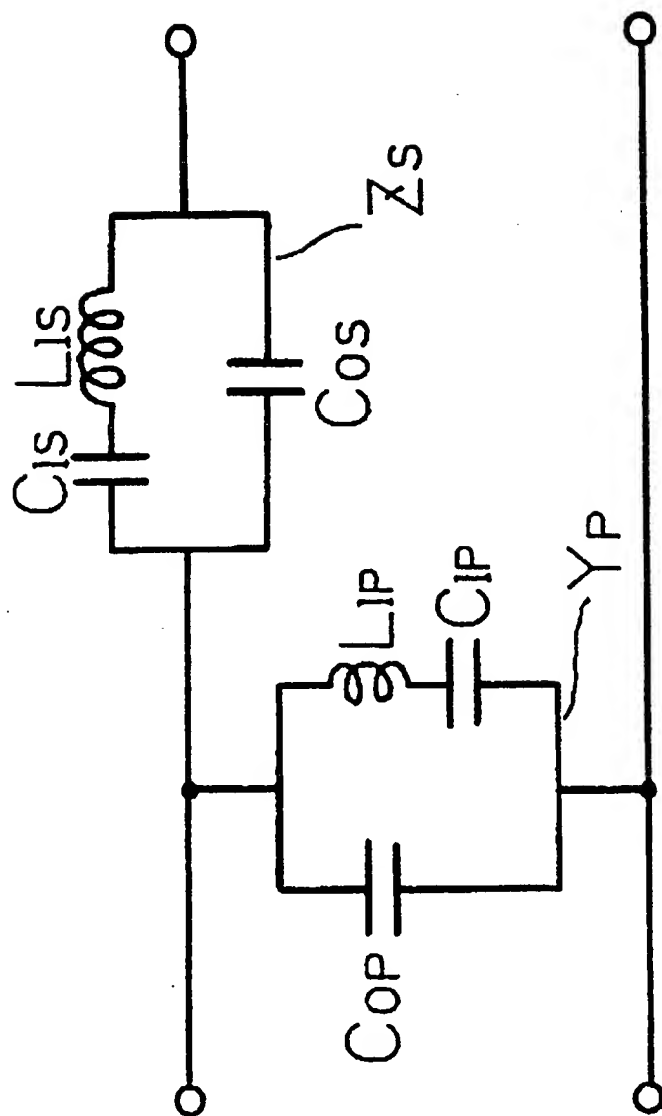
FOOTED 24652660

FIG. 50



FOOTED 21652660

FIG. 51



FOOTNOTES 24652660

FIG. 52

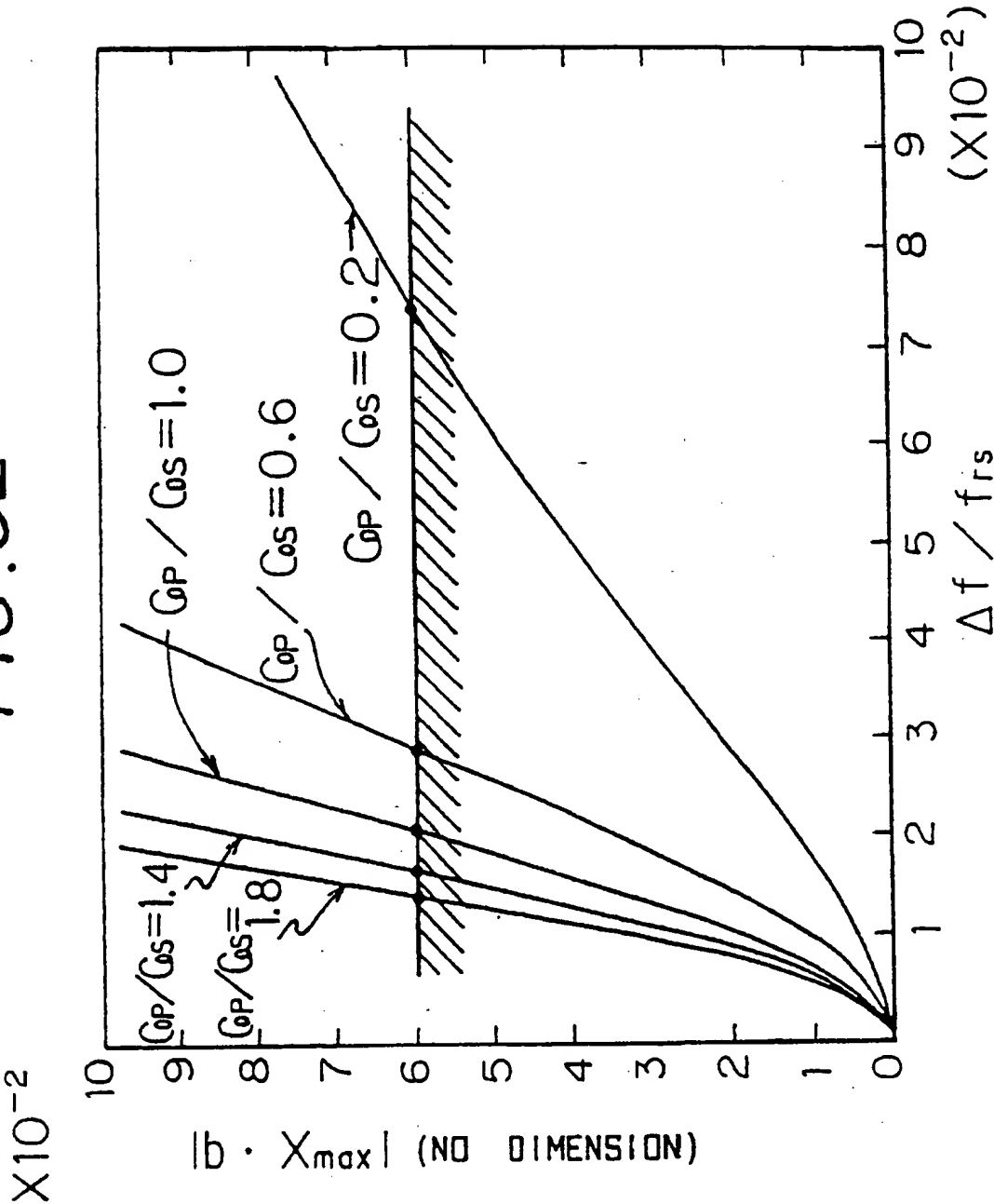


FIG. 53

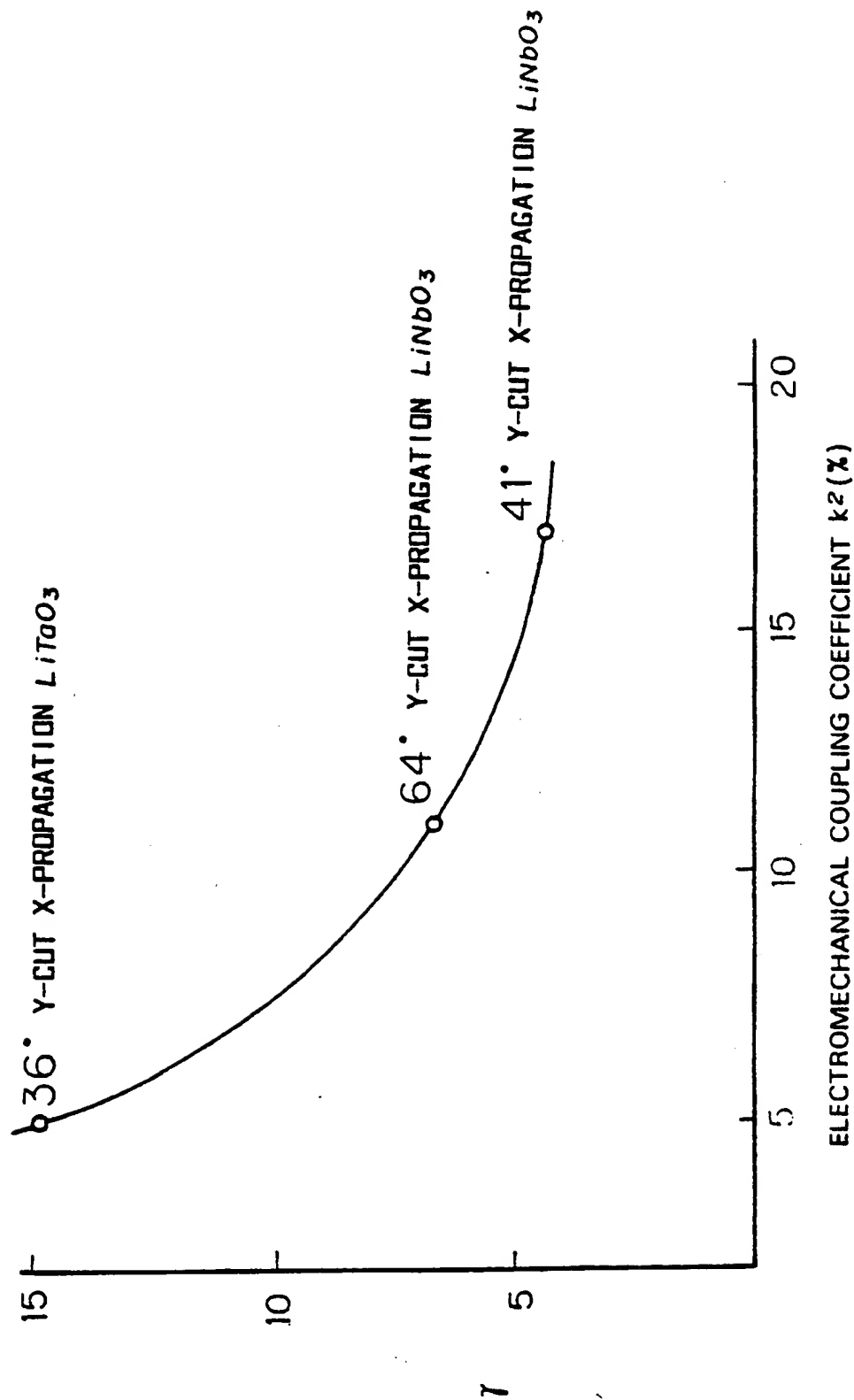


FIG. 54

250

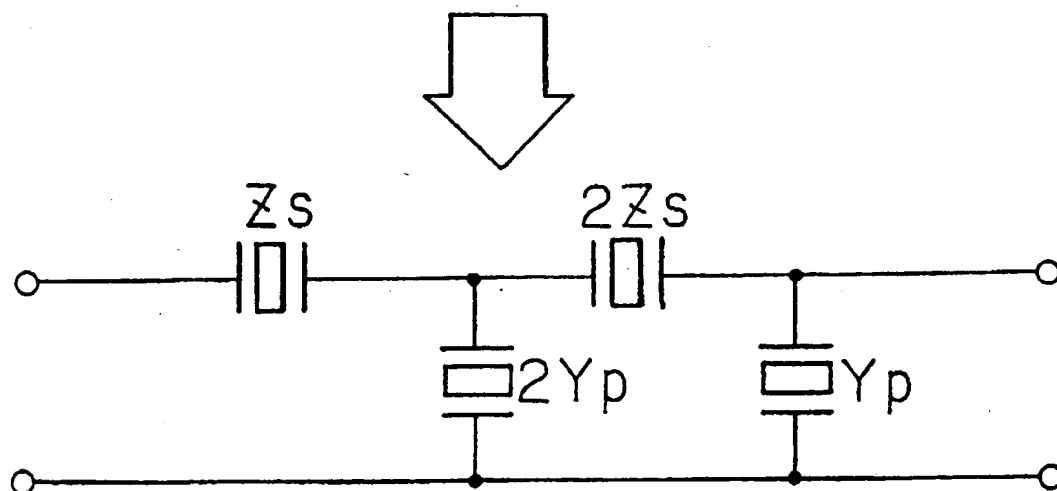
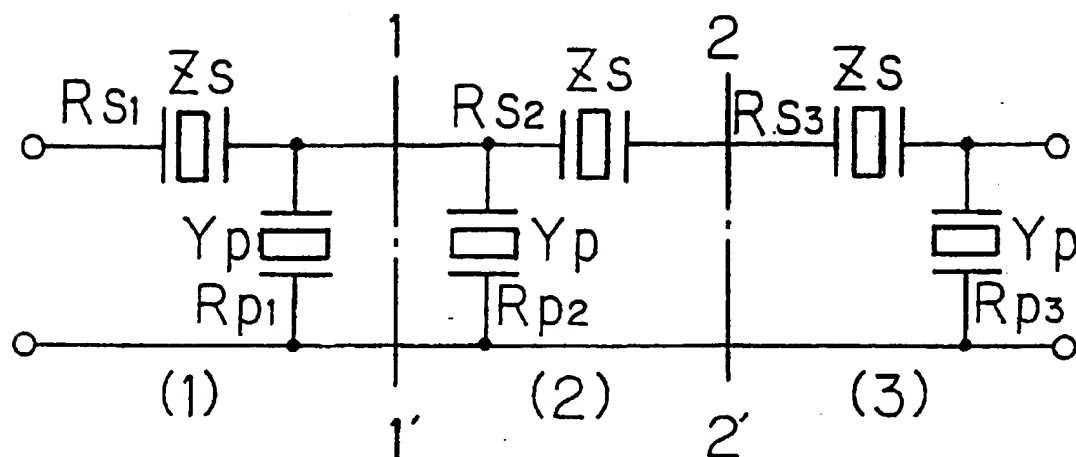


FIG. 55

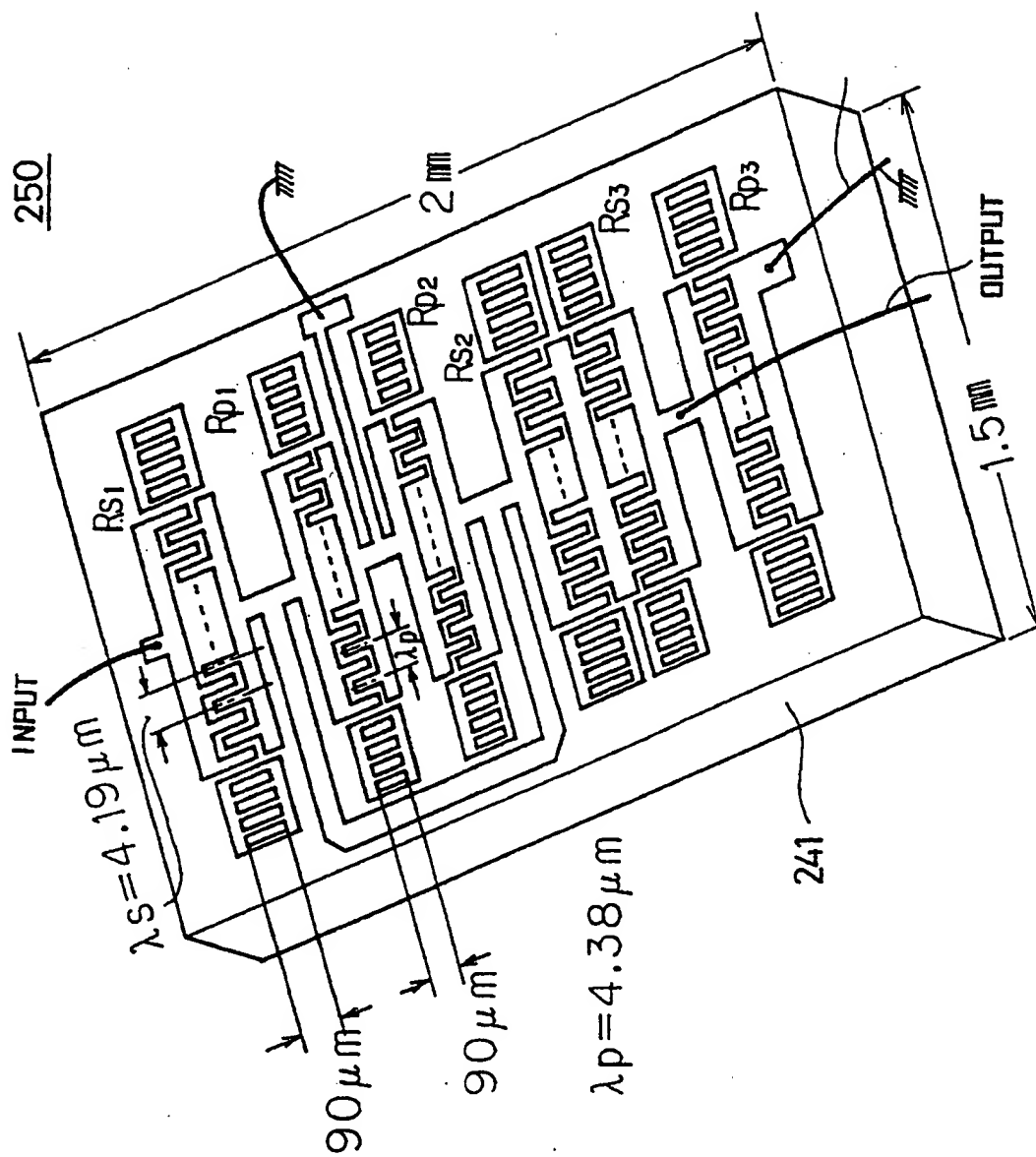


FIG. 56

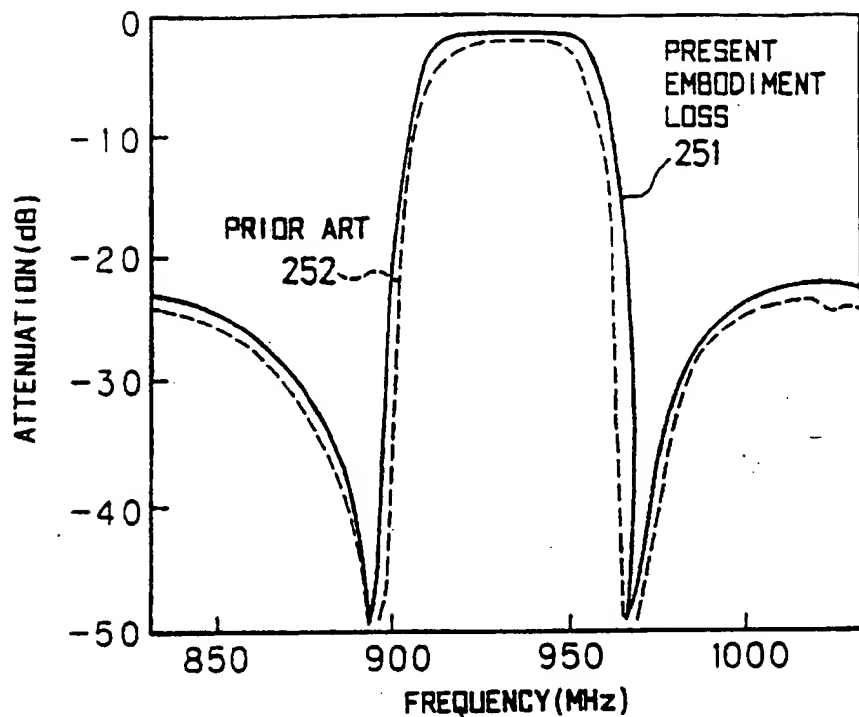


FIG. 57

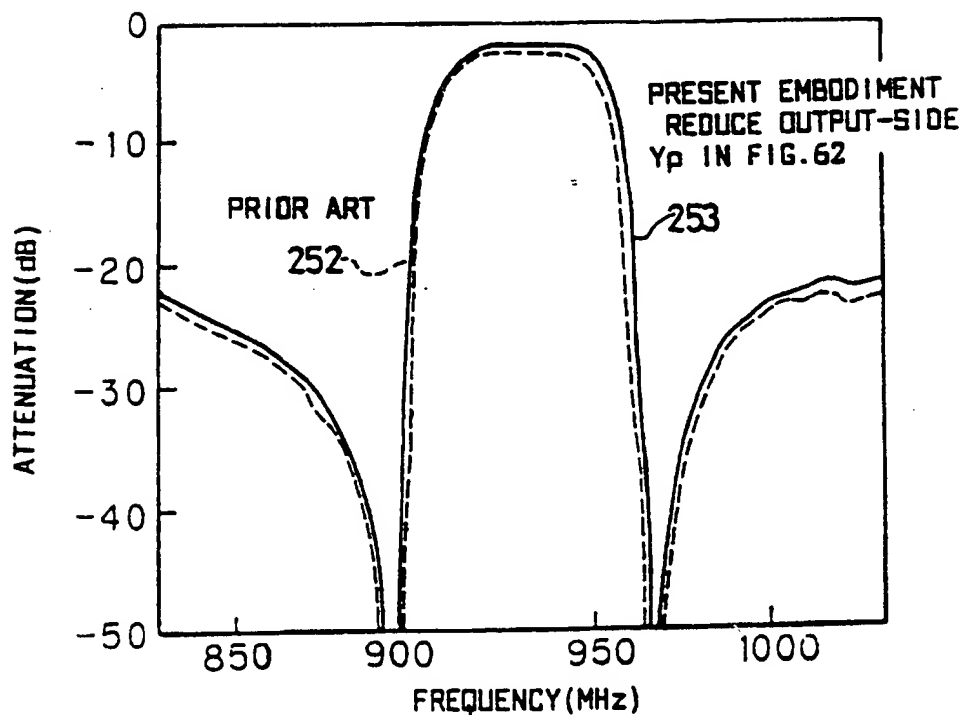


FIG. 58A

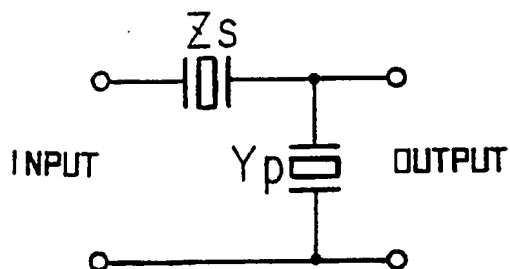


FIG. 58B

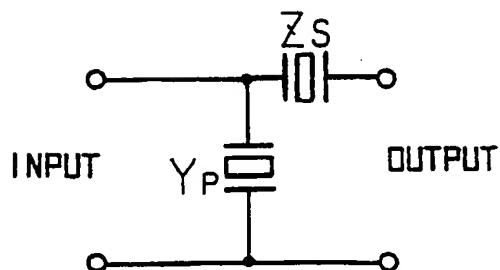
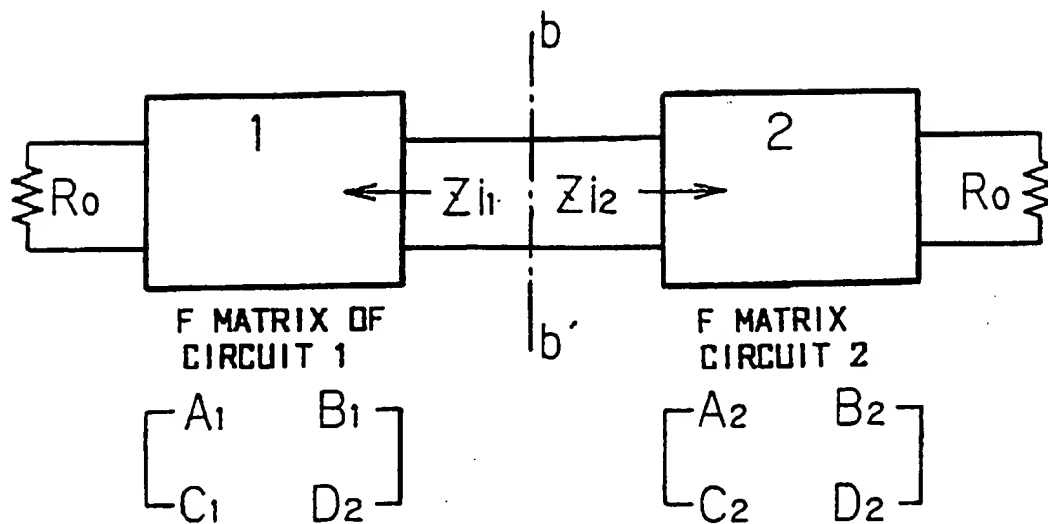


FIG. 60



FOOTED" 24652660

FIG. 59A

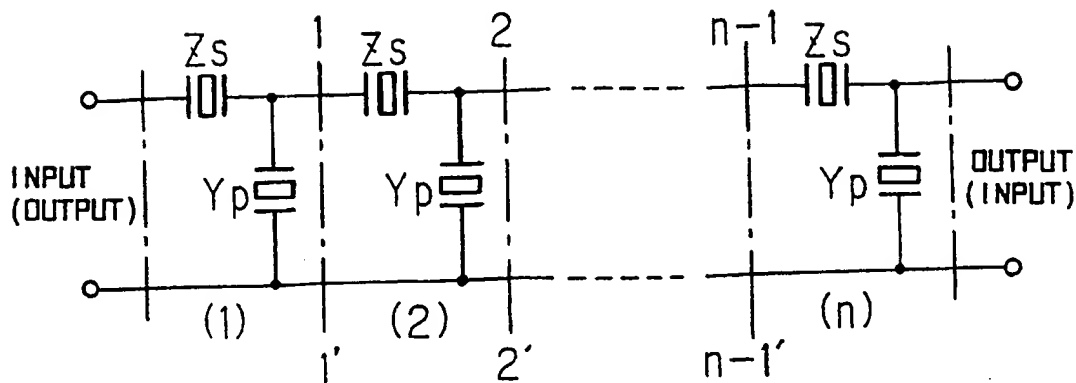


FIG. 59B

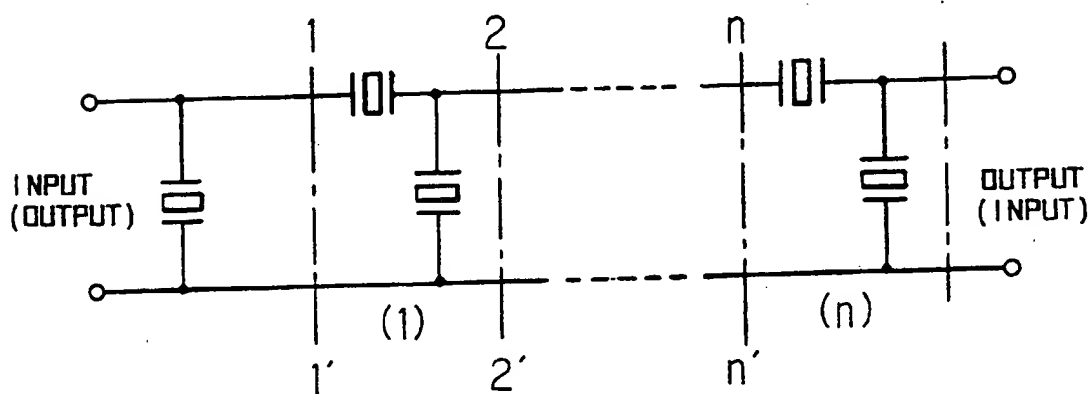


FIG. 59C

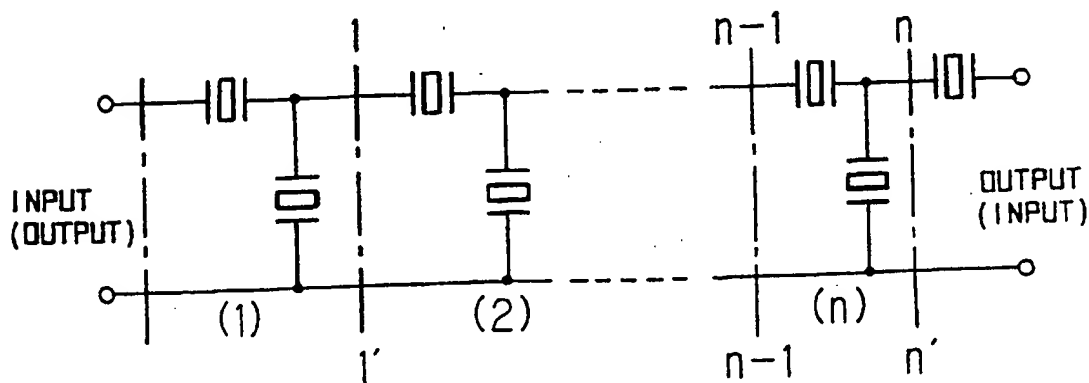


FIG. 6IA

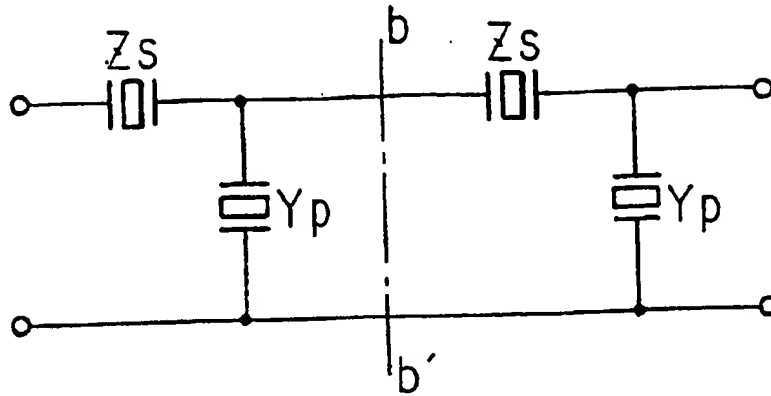


FIG. 6IB

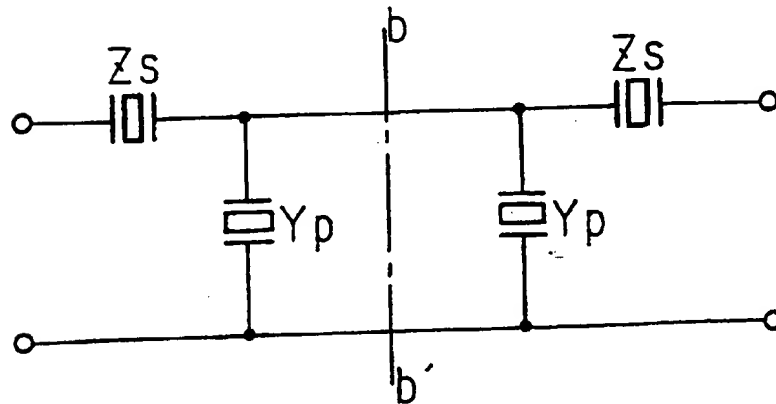


FIG. 6IC

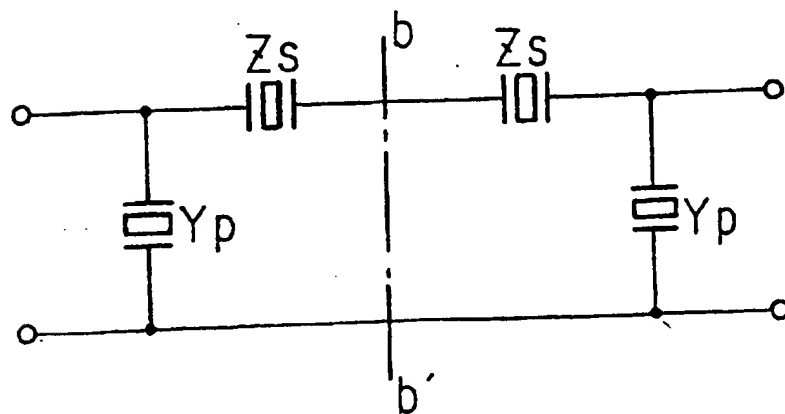


FIG. 6A, FIG. 6B, FIG. 6C

FIG. 62

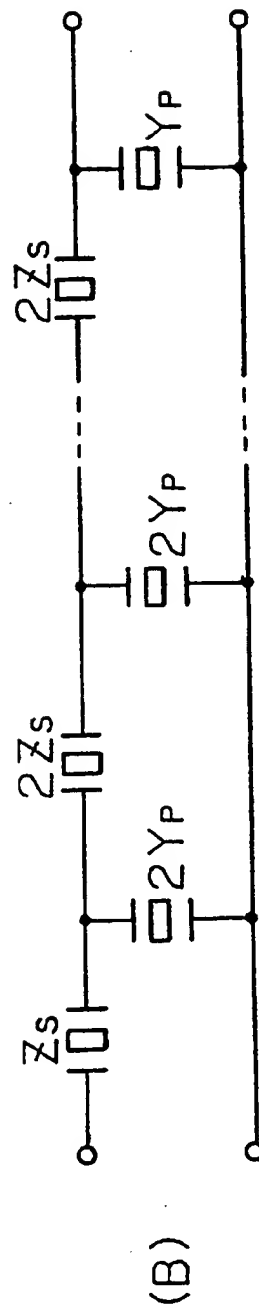
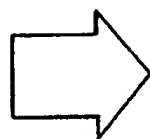
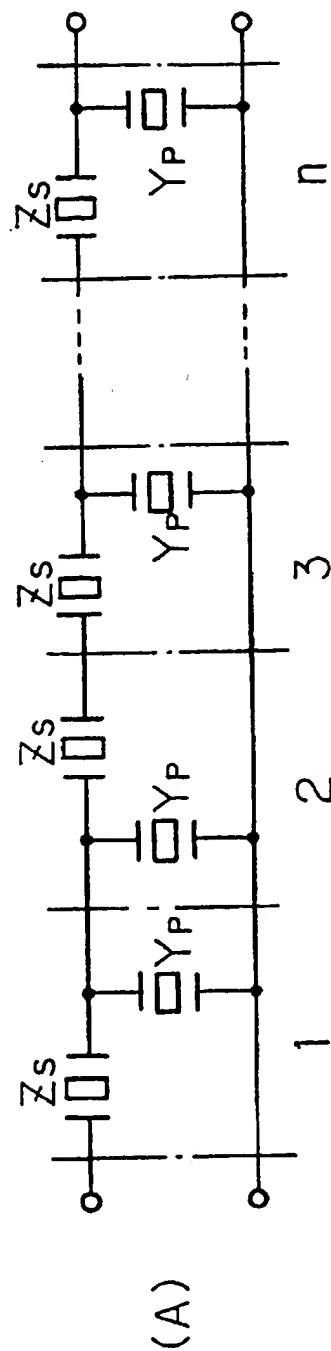


FIG. 63D

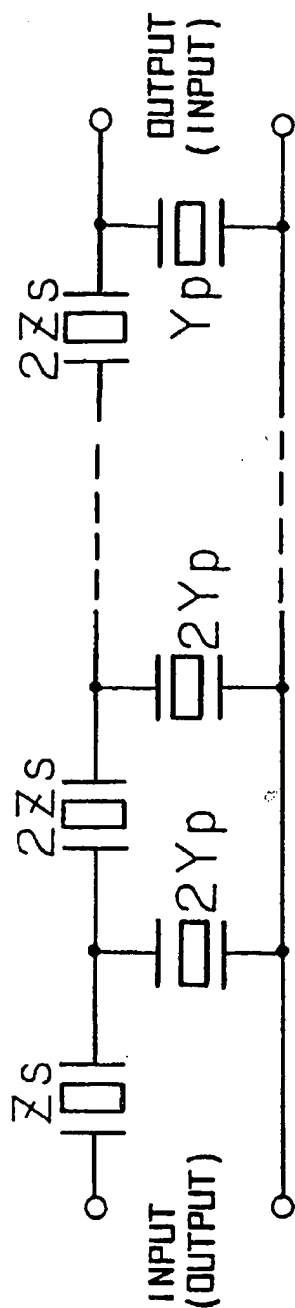


FIG. 63A

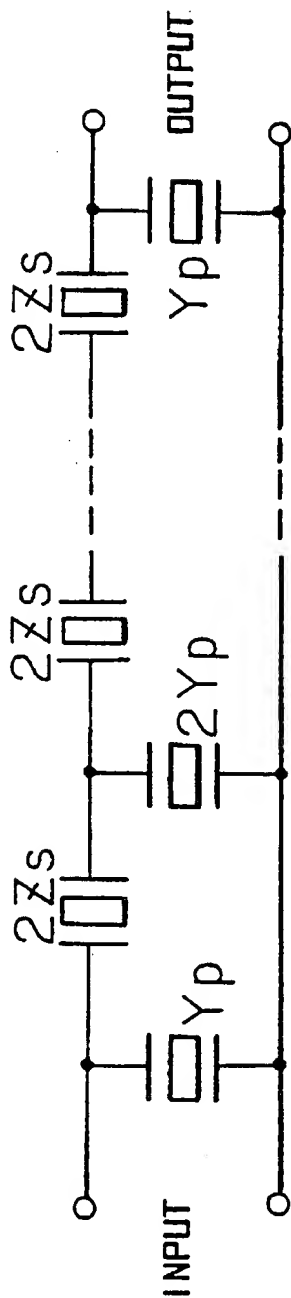


FIG. 63B

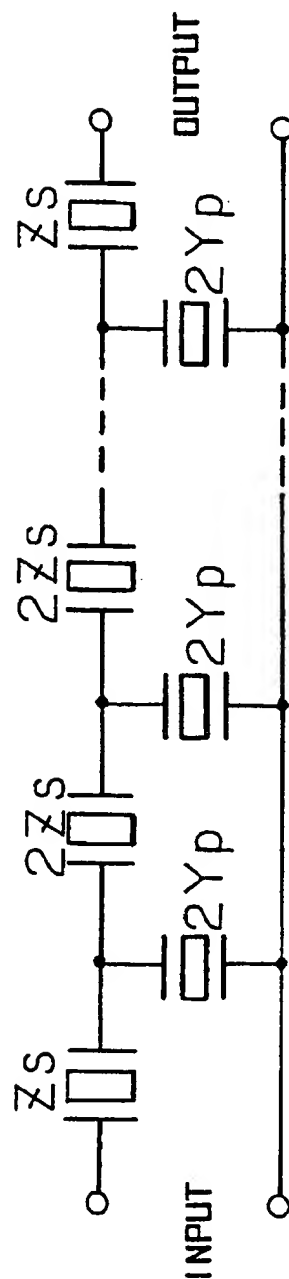
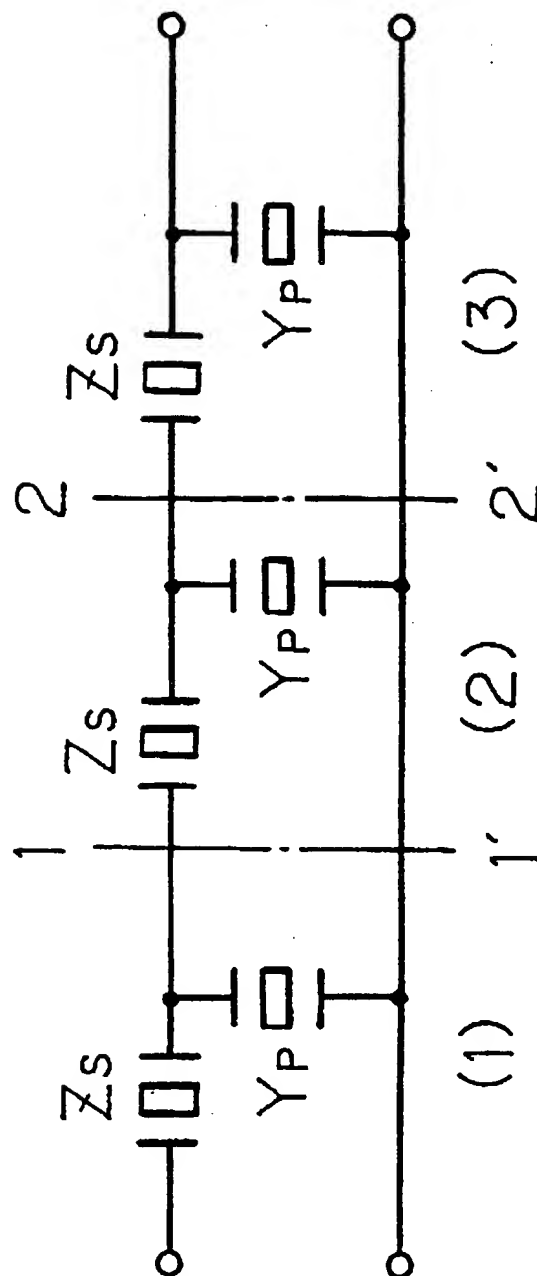


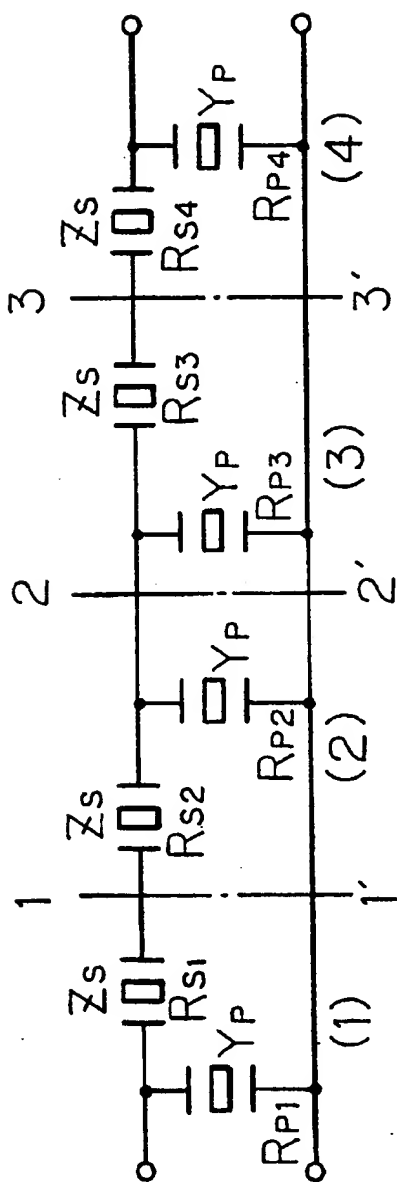
FIG. 63C

FIG. 64 PRIOR ART

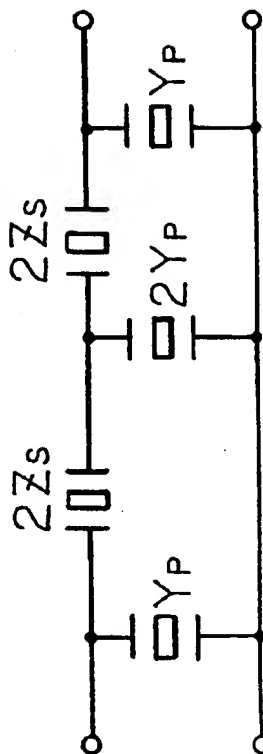
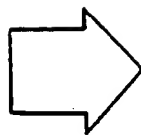


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FIG. 65

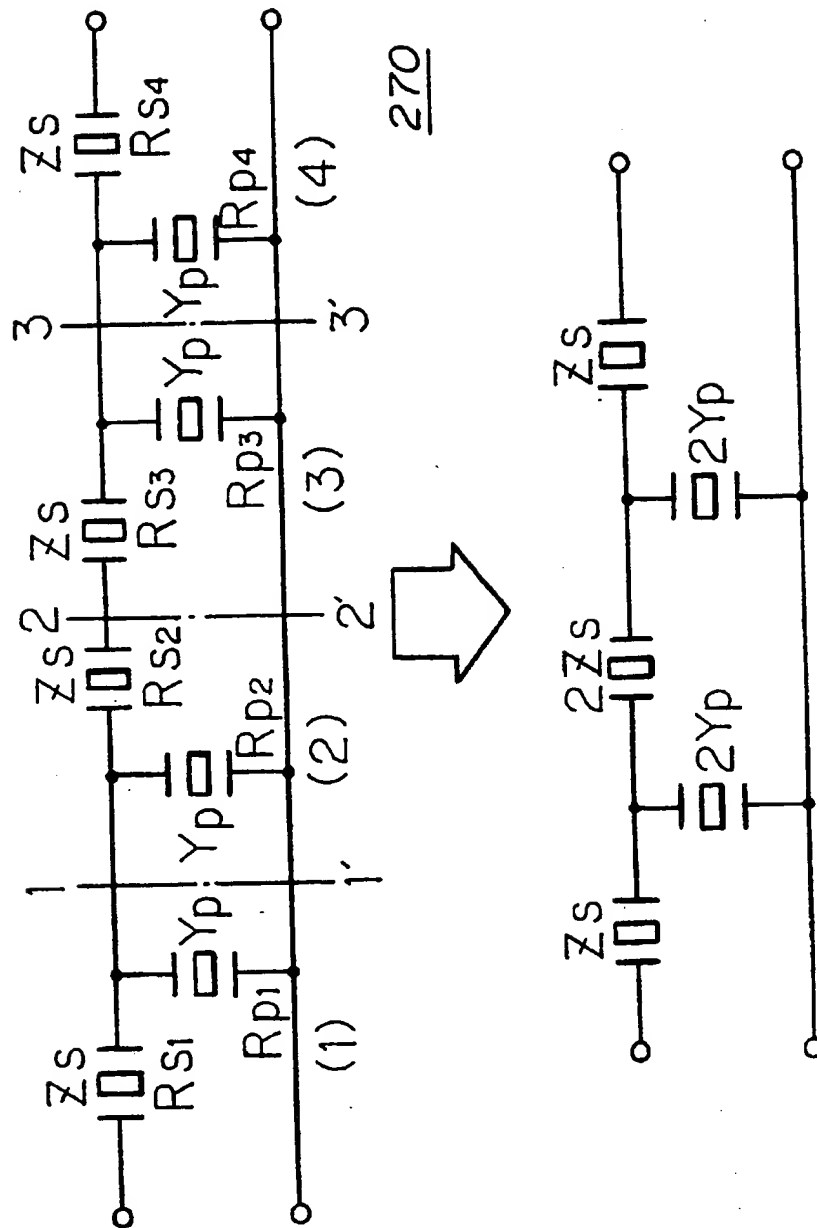


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FIG. 66



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FIG. 67

280

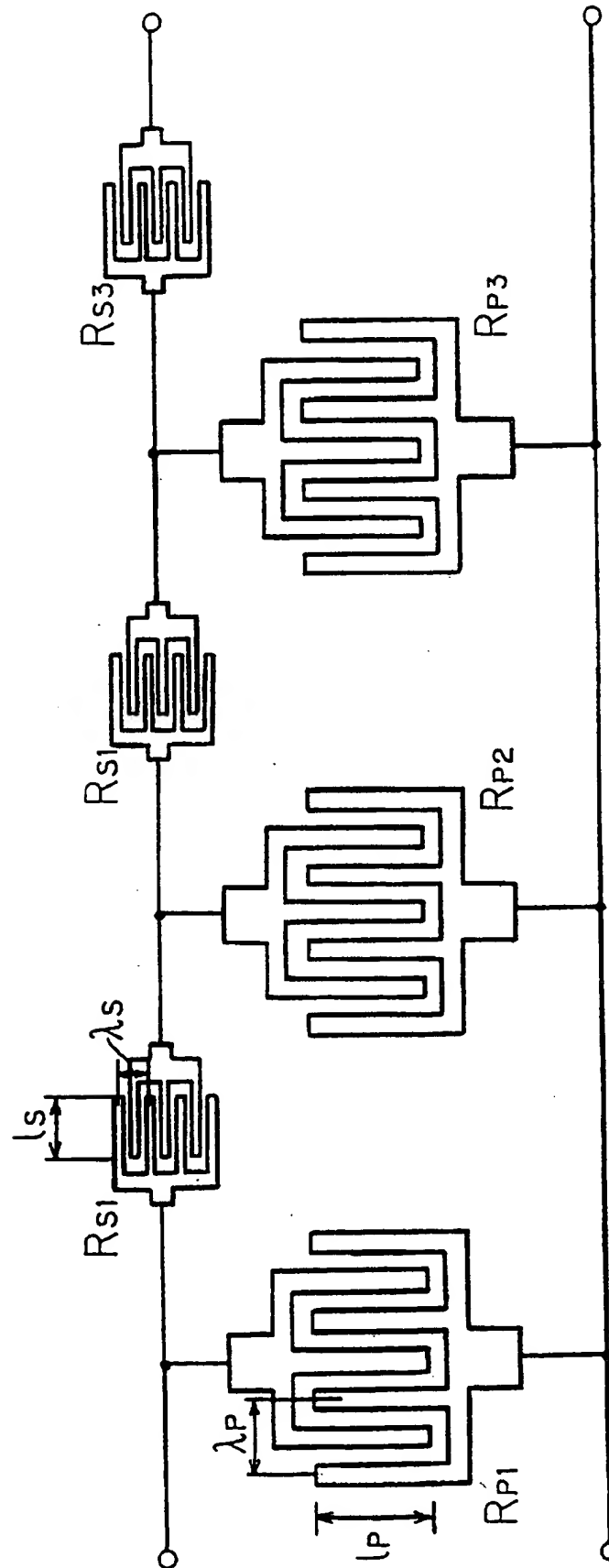


FIG. 68

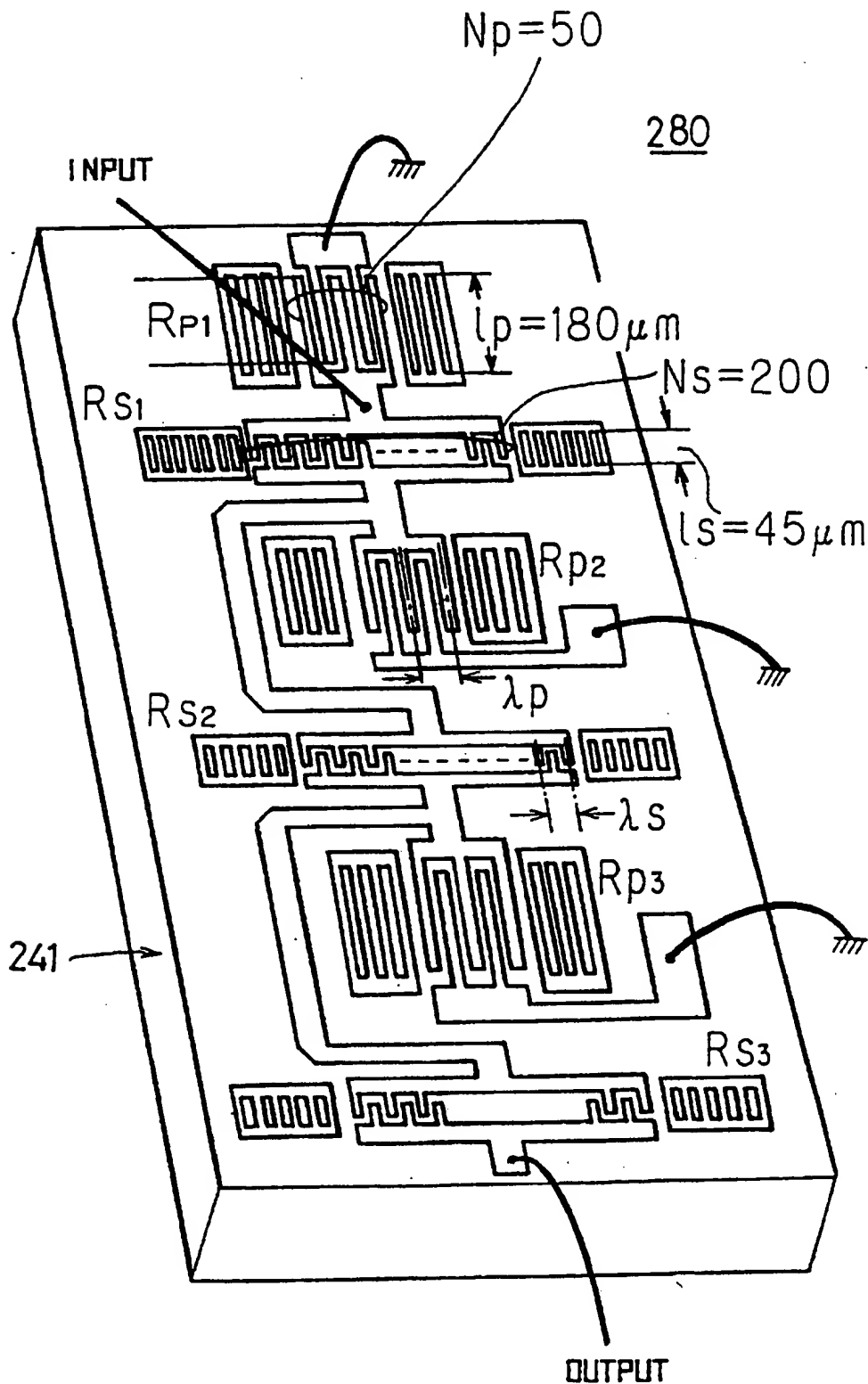


FIG. 68

FIG. 69

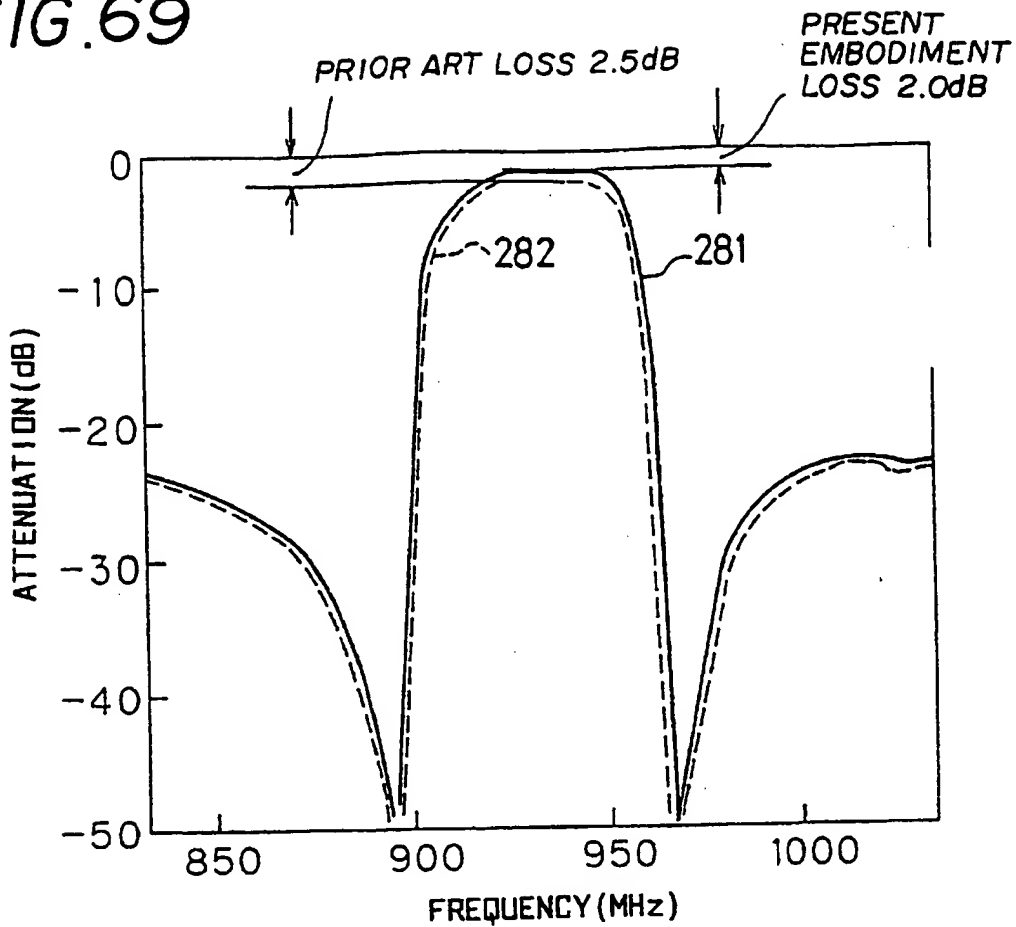


FIG. 70

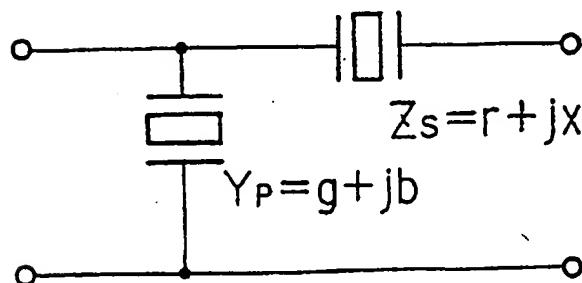


FIG. 71A

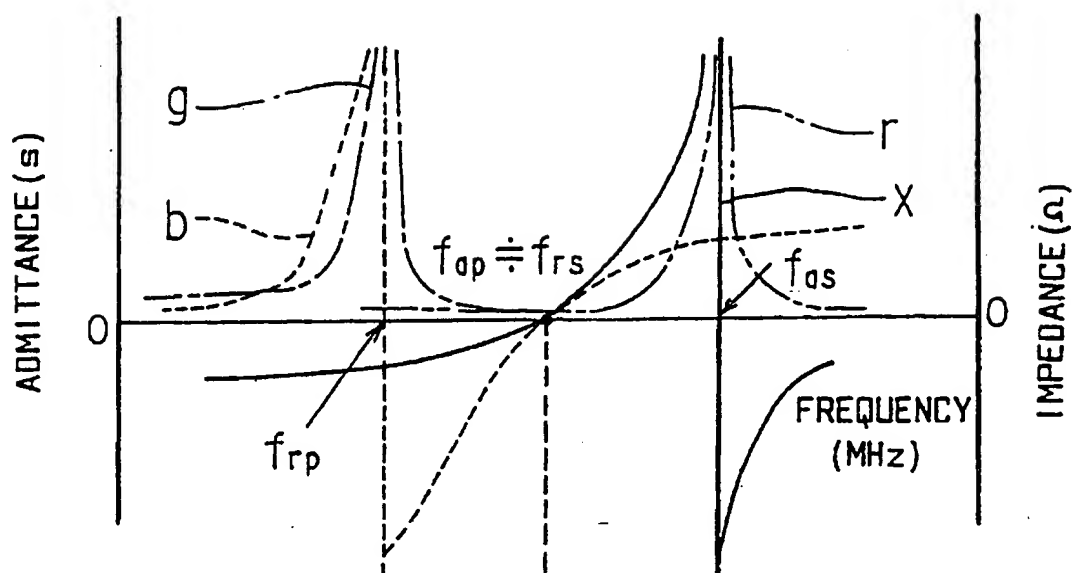


FIG. 71B

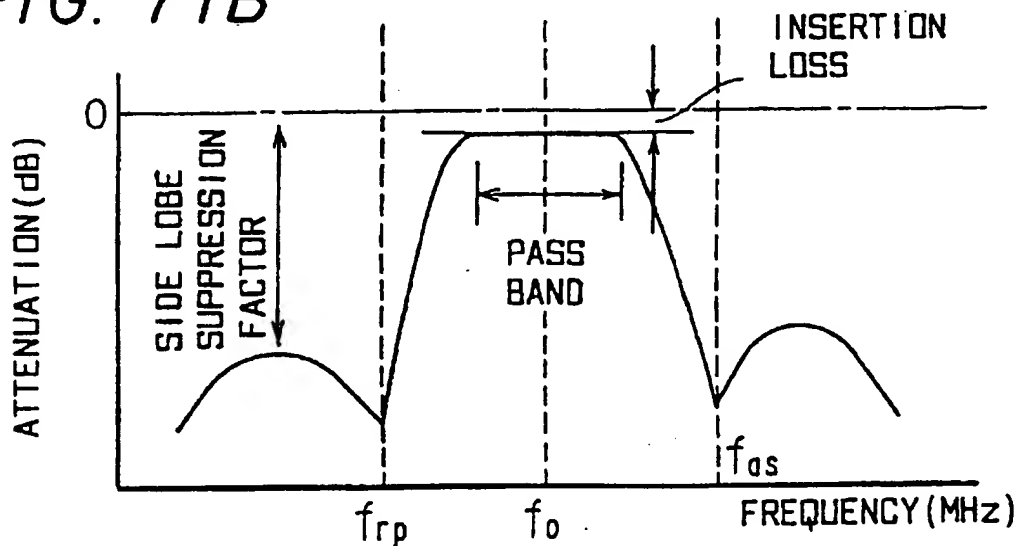
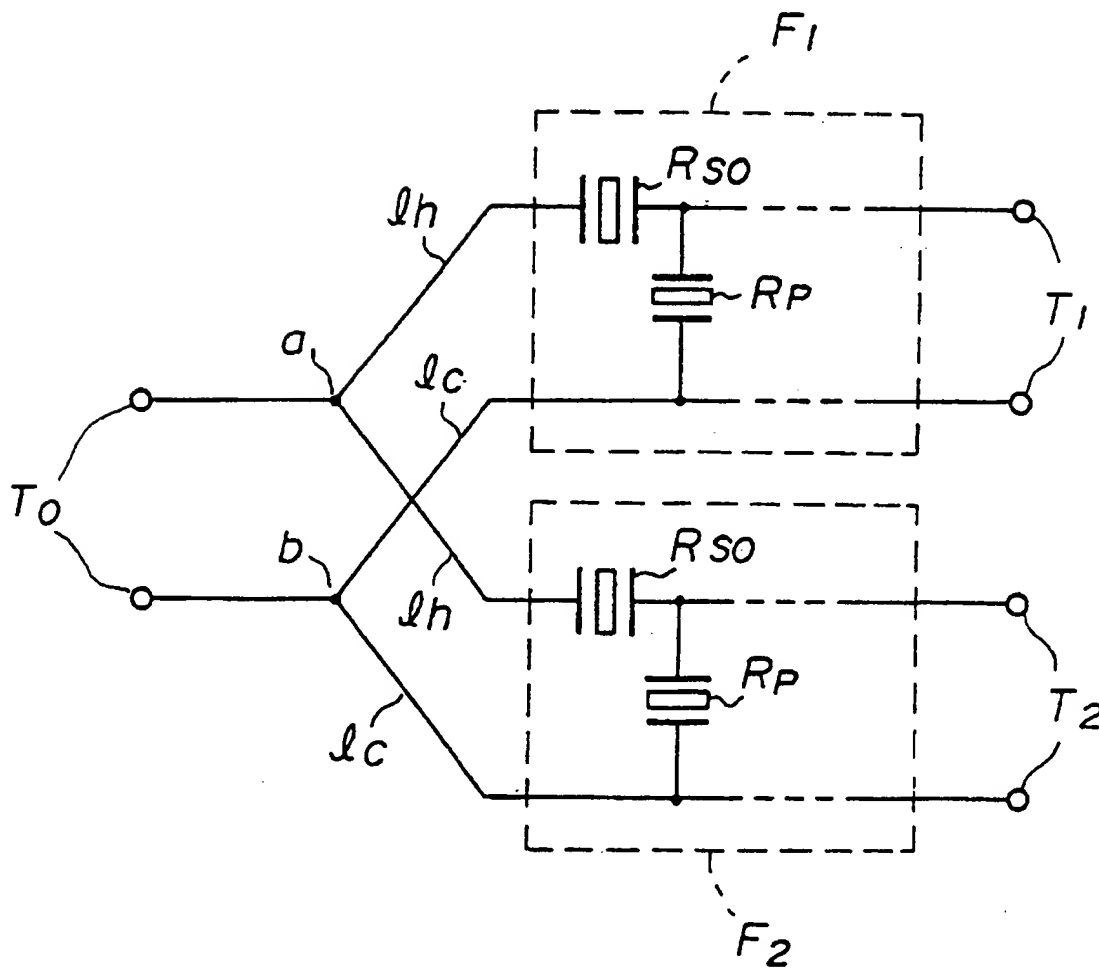


FIG. 72



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FIG. 73

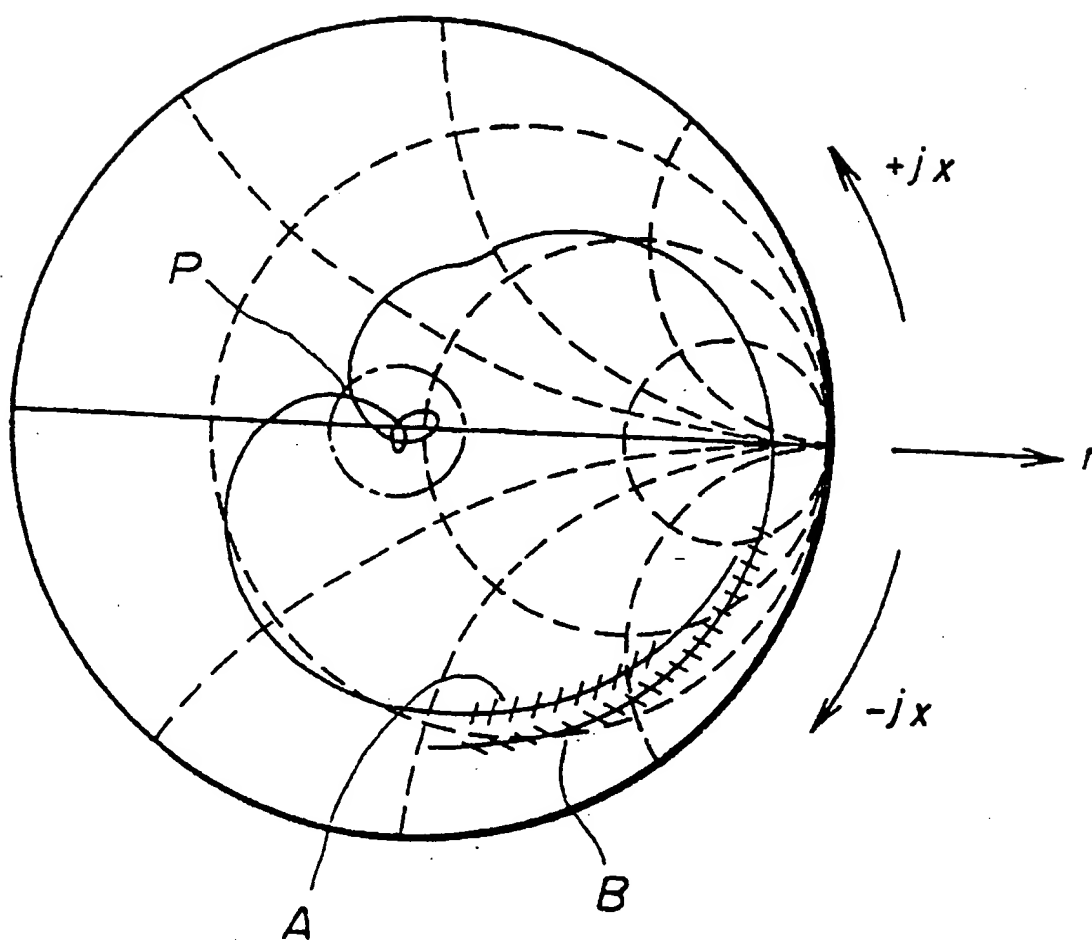
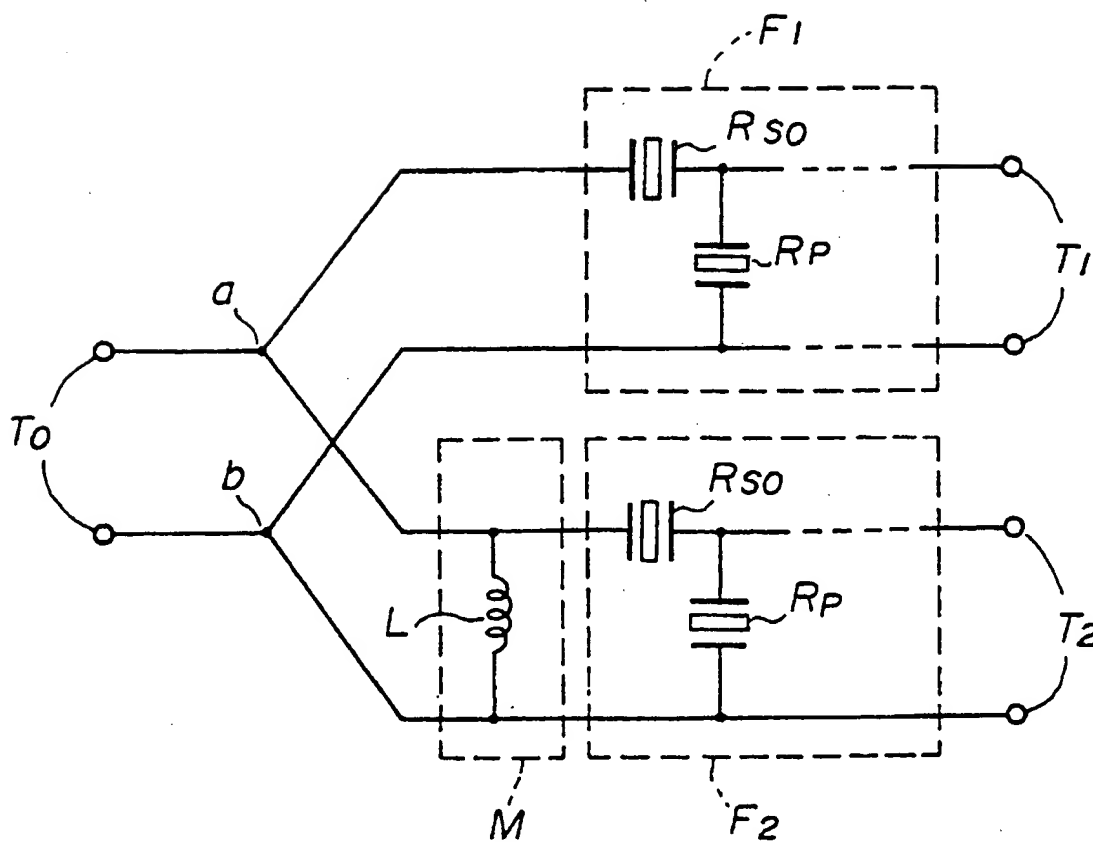
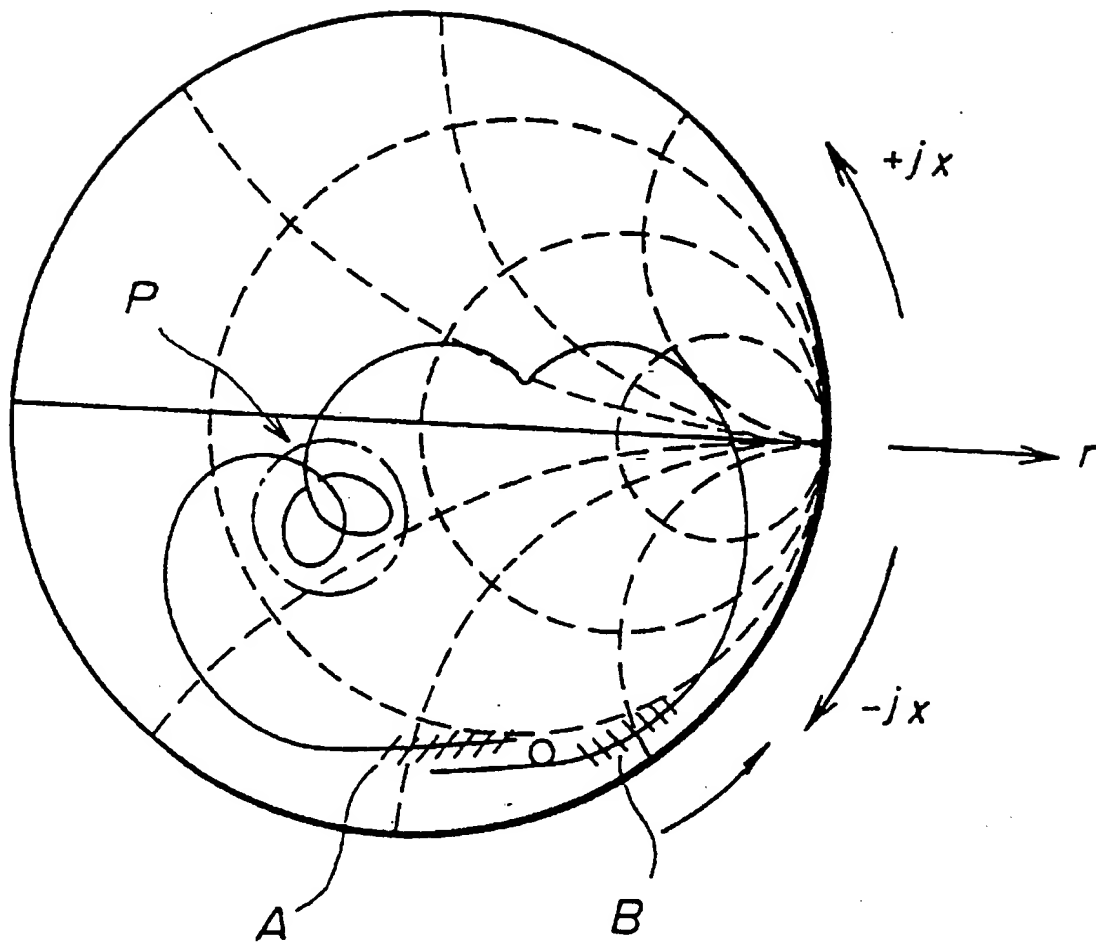
[illegible]

FIG. 74



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FIG. 75

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FIG. 77

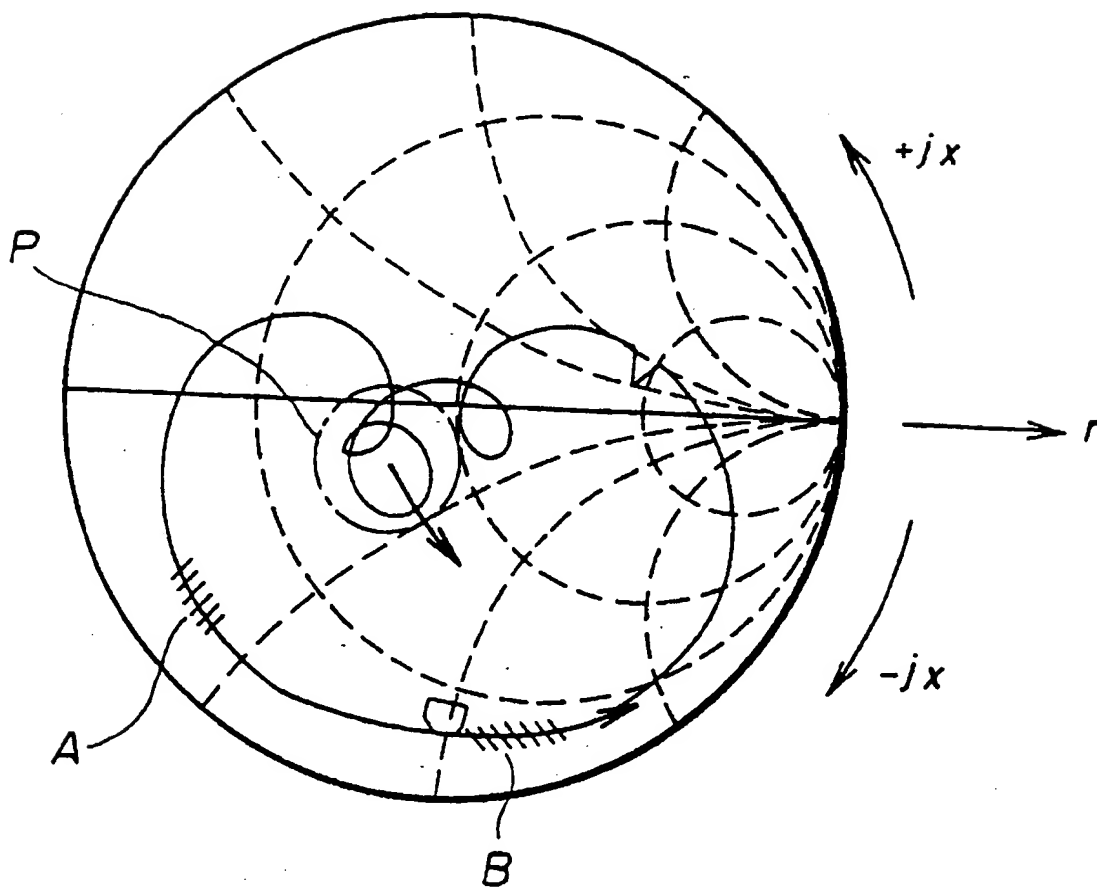


FIG. 77

FIG. 78

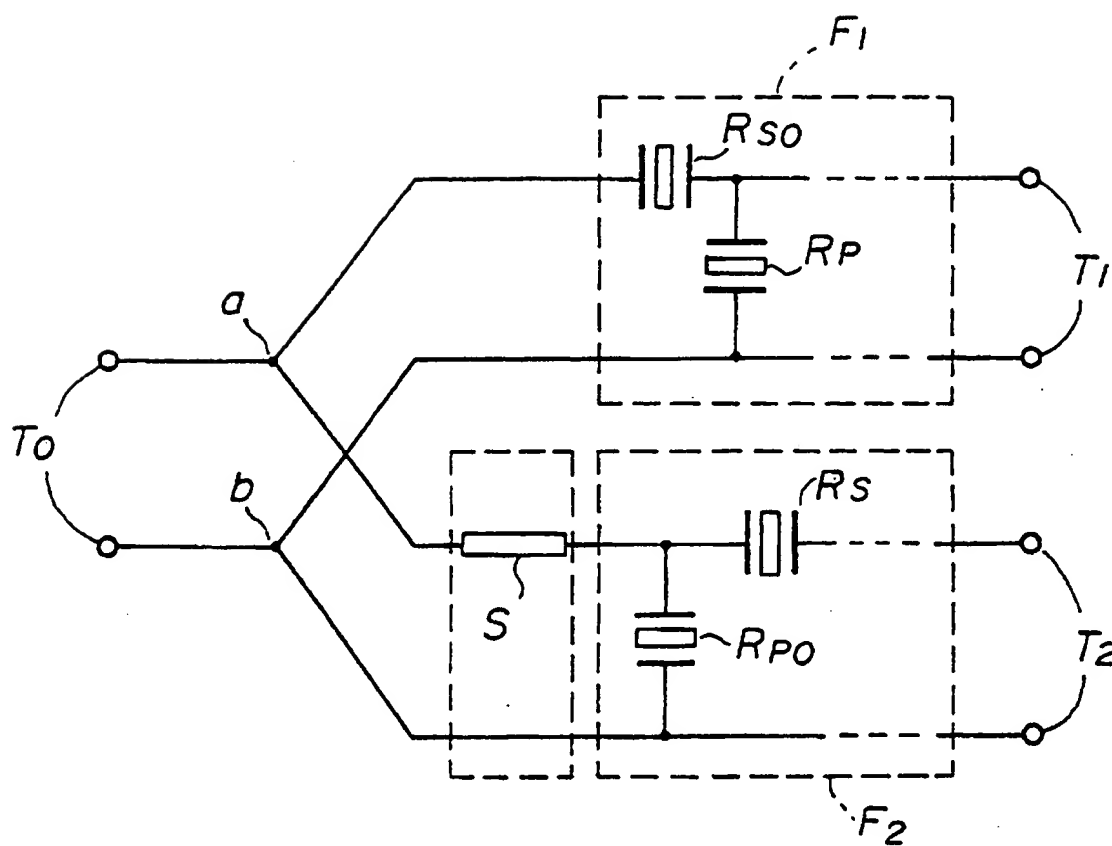


FIG. 78

